



# **Schedule 80 CPVC Fittings, Unions & Tank Adapters**



## **ENGINEERING GUIDE**

**Contact Spears® for any Information not found.**

# CPVC Performance Engineered and Tested



**SPEARS®** Schedule 80 CPVC pipe and fitting designs combine years of proven experience with computer generated stress analysis to yield the optimum physical structure and performance for each fitting. Material reinforcement is uniformly placed in stress concentration areas for substantially improved pressure handling capability. Resulting products are subjected to numerous verification tests to assure the very best CPVC piping products available.

## **1/4" Through 24" Availability**

Spears® comprehensive line of CPVC fittings offers a variety of configurations in Schedule 80 sizes 1/4" through 24".

## **Exceptional Chemical & Corrosion Resistance**

Unlike metal, CPVC fittings never rust, scale or pit, and will provide many years of maintenance-free service and extended system life.

## **Higher Temperature Ratings**

High Temperature CPVC Thermoplastics can handle fluids at service temperatures up to 200°F, allowing a wide range of process applications, including hot corrosive liquids.

## **Higher Flow Capacity**

Smooth interior walls result in lower pressure loss and higher volume than conventional metal fittings.

## **Lower Installation Costs**

Substantially lower material costs than steel alloys or lined steel, combined with lighter weight and ease of installation, can reduce installation costs by as much as 60% over conventional metal systems.

## **SPEARS® Schedule 80 14" Through 24" Fittings & Flanges**

Schedule 80 CPVC 14" through 24" fittings are a special engineered product by Spears® Manufacturing Company, where no applicable ASTM specifications exist. Available in a variety of injection molded and fabricated configurations including Flanges, Couplings, Elbows, Bushings and Tees, plus custom fabrication to virtually any configuration.

## **1/8" Through 24" Industrial Pipe Availability**

Spears® premium quality Industrial CPVC pipe is offered in Schedule 80 sizes 1/8" through 24". Schedule 40 CPVC pipe is also available.

## **American Bureau of Shipping (ABS) Type Approval**

Spears® Schedule 40 and Schedule 80 CPVC pipe and fittings are ABS Type Approved for marine and offshore applications in nominal pipe sizes through 12". Type Approval details and restrictions are specified in ABS Certificate # 10-HS539421-1-PDA available on the ABS website at [www.eagle.org](http://www.eagle.org).

## **CPVC Sample Engineering Specifications**

All CPVC Schedule 80 fittings shall be produced by Spears® Manufacturing Company from CPVC materials, cell classification 23447 conforming to ASTM Standard D 1784. All injection molded fittings through 12" shall be manufactured in compliance to ASTM F 439 and all pipe through 16" shall be manufactured in compliance to ASTM F 441. Pipe and fittings shall be Certified by NSF International for use with potable water service. All 14" through 24" and fabricated fittings shall be produced in accordance with Spears® Specifications. All CPVC flanges shall be designed and manufactured to meet CL150 bolt pattern per ANSI Standard B16.5.



## Schedule 80 CPVC Technical Schedule 80 CPVC Overview

The information contained in this publication is based on current information and product design at the time of publication and is subject to change without notification. Our ongoing commitment to product improvement may result in some variation. No representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or results to be obtained therefrom. For verification of technical data or additional information not contained herein, please contact Spears® Technical Services Department [West Coast: (818) 364-1611 - East Coast: (678) 985-1263].

## General Information

### Recommendations for Installers and Users

Plastic piping systems should be **ENGINEERED, INSTALLED and OPERATED** in accordance with **ESTABLISHED DESIGN AND ENGINEERING STANDARDS AND PROCEDURES** for plastic piping systems. Suitability for the intended service application should be determined by the installer and/or user prior to installation of a plastic piping system. **PRIOR TO ASSEMBLY, all piping system components should be inspected for damage or irregularities. Mating components should be checked to assure that tolerances and engagements are compatible. Do not use any components that appear irregular or do not fit properly. Contact the appropriate manufacturer of the component product in question to determine usability. Consult all applicable codes and regulations for compliance prior to installation.**

**Solvent Weld Connections** - Use quality solvent cements and primers formulated for the intended service application, pipe size and type of joint. While the pipe and fitting materials may be compatible with the intended medium, the solvent cement may not be. Consult the manufacturers for suitability of use. Read and follow the cement and primer manufacturers' applications and cure time instructions thoroughly. Be sure to use the correct size applicator.

**Threaded Connections** - Use a quality grade thread sealant. **WARNING: SOME PIPE JOINT COMPOUNDS OR PTFE PASTES MAY CONTAIN SUBSTANCES THAT COULD CAUSE STRESS CRACKING TO PLASTIC.** Spears® Manufacturing company recommends the use of Spears® **BLUE 75™** Thread Sealant which has been tested for compatibility with Spears® products. Please follow the sealant manufacturers' application/installation instructions. Choice of an appropriate thread sealant other than those listed above is at the discretion of the installer. 1 to 2 turns beyond **FINGER TIGHT** is generally all that is required to make a sound plastic threaded connection. Unnecessary **OVERTIGHTENING** will cause **DAMAGE TO BOTH PIPE AND FITTING.**

### Standards and Specifications

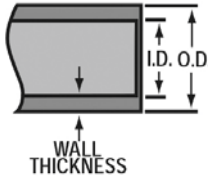
Molded Schedule 80 CPVC products are manufactured to ASTM F 439 for use with pipe manufactured to ASTM F 441. Certain products carry reduced pressure handling capability and have maximum internal pressure ratings at 73°F noted.

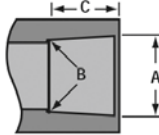
Schedule 80 CPVC fabricated fittings for use with pipe manufactured to ASTM F 441. See publication FAB-7, General Specifications for Standard Fabricated Fittings for additional information.

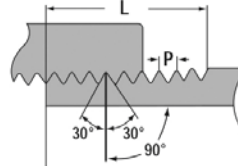
All specified Schedule 80 CPVC products are manufactured from materials certified by NSF® for use in potable water service.

"Lead Free" low lead certification - unless otherwise specified, all Spears® Schedule 80 fittings specified here-in are certified by NSF International to ANSI/NSF® Standard 61, Annex G and is in compliance with California's Health & Safety Code Section 116825 (commonly known as AB1953) and Vermont Act 193. Weighted average lead content  $\leq 0.25\%$ . Spears® PVC and CPVC Pipe, Fittings and Valves have always been lead-free and Certified by NSF International for use in potable water systems. Spears® offers a wide range of lead-free specialty fittings and transition adapters for plumbing applications. However, certain brass threaded adapter fittings for applications that are not intended to convey water for human consumption through drinking or cooking are still produced and available.

## ASTM STANDARD DIMENSIONS

| SCHEDULE 80 PIPE DIMENSIONS<br>ASTM D 1785                                        |                           |                     |                            |
|-----------------------------------------------------------------------------------|---------------------------|---------------------|----------------------------|
|  |                           |                     |                            |
| Nominal Pipe Size In.                                                             | Mean Outside Diameter In. | O. D. Tolerance In. | Minimum Wall Thickness In. |
| 1/8                                                                               | 0.405                     | ± 0.004             | 0.095                      |
| 1/4                                                                               | 0.540                     | ± 0.004             | 0.119                      |
| 3/8                                                                               | 0.675                     | ± 0.004             | 0.126                      |
| 1/2                                                                               | 0.840                     | ± 0.004             | 0.147                      |
| 3/4                                                                               | 1.050                     | ± 0.004             | 0.154                      |
| 1                                                                                 | 1.315                     | ± 0.005             | 0.179                      |
| 1-1/4                                                                             | 1.660                     | ± 0.005             | 0.191                      |
| 1-1/2                                                                             | 1.900                     | ± 0.006             | 0.200                      |
| 2                                                                                 | 2.375                     | ± 0.006             | 0.218                      |
| 2-1/2                                                                             | 2.875                     | ± 0.007             | 0.276                      |
| 3                                                                                 | 3.500                     | ± 0.008             | 0.300                      |
| 4                                                                                 | 4.500                     | ± 0.009             | 0.337                      |
| 5                                                                                 | 5.563                     | ± 0.010             | 0.375                      |
| 6                                                                                 | 6.625                     | ± 0.011             | 0.432                      |
| 8                                                                                 | 8.625                     | ± 0.015             | 0.500                      |
| 10                                                                                | 10.750                    | ± 0.015             | 0.593                      |
| 12                                                                                | 12.750                    | ± 0.015             | 0.687                      |

| SCHEDULE 80 SOCKET DIMENSIONS<br>ASTM D 2467                                      |            |          |             |                         |
|-----------------------------------------------------------------------------------|------------|----------|-------------|-------------------------|
|  |            |          |             |                         |
| Nominal Size In.                                                                  | Diameter   |          |             | Socket Length Minimum C |
|                                                                                   | Entrance A | Bottom B | Tolerance A |                         |
| 1/8                                                                               | 0.417      | 0.401    | ± 0.004     | 0.500                   |
| 1/4                                                                               | 0.552      | 0.536    | ± 0.004     | 0.625                   |
| 3/8                                                                               | 0.687      | 0.671    | ± 0.004     | 0.750                   |
| 1/2                                                                               | 0.848      | 0.836    | ± 0.004     | 0.875                   |
| 3/4                                                                               | 1.058      | 1.046    | ± 0.004     | 1.000                   |
| 1                                                                                 | 1.325      | 1.310    | ± 0.005     | 1.125                   |
| 1-1/4                                                                             | 1.670      | 1.655    | ± 0.005     | 1.250                   |
| 1-1/2                                                                             | 1.912      | 1.894    | ± 0.006     | 1.375                   |
| 2                                                                                 | 2.387      | 2.369    | ± 0.006     | 1.500                   |
| 2-1/2                                                                             | 2.889      | 2.868    | ± 0.007     | 1.750                   |
| 3                                                                                 | 3.516      | 3.492    | ± 0.008     | 1.875                   |
| 4                                                                                 | 4.518      | 4.491    | ± 0.009     | 2.250                   |
| 5                                                                                 | 5.583      | 5.553    | ± 0.010     | 2.625                   |
| 6                                                                                 | 6.647      | 6.614    | ± 0.011     | 3.000                   |
| 8                                                                                 | 8.655      | 8.610    | ± 0.015     | 4.000                   |
| 10                                                                                | 10.780     | 10.735   | ± 0.015     | 5.000                   |
| 12                                                                                | 12.780     | 12.735   | ± 0.015     | 6.000                   |
| 14                                                                                | 14.030     | 13.985   | ± 0.015     | 7.000                   |

| AMERICAN NATIONAL STANDARD<br>TAPER PIPE THREADS (NPT) ANSI<br>B1 .20.1 ASTM F 1498 |                  |                           |                   |
|-------------------------------------------------------------------------------------|------------------|---------------------------|-------------------|
|  |                  |                           |                   |
| Nominal Size In.                                                                    | Threads Per Inch | Effective Thread Length L | Pitch Of Thread P |
| 1/8                                                                                 | 27               | 0.2639                    | 0.03704           |
| 1/4                                                                                 | 18               | 0.4018                    | 0.05556           |
| 3/8                                                                                 | 18               | 0.4078                    | 0.05556           |
| 1/2                                                                                 | 14               | 0.5337                    | 0.07143           |
| 3/4                                                                                 | 14               | 0.5457                    | 0.07143           |
| 1                                                                                   | 11-1/2           | 0.6828                    | 0.08696           |
| 1-1/4                                                                               | 11-1/2           | 0.7068                    | 0.08696           |
| 1-1/2                                                                               | 11-1/2           | 0.7235                    | 0.08696           |
| 2                                                                                   | 11-1/2           | 0.7565                    | 0.08696           |
| 2-1/2                                                                               | 8                | 1.1375                    | 0.12500           |
| 3                                                                                   | 8                | 1.2000                    | 0.12500           |
| 4                                                                                   | 8                | 1.3000                    | 0.12500           |
| 5                                                                                   | 8                | 1.4063                    | 0.12500           |
| 6                                                                                   | 8                | 1.5125                    | 0.12500           |
| 8                                                                                   | 8                | 1.7125                    | 0.12500           |

## STANDARD COMPARISONS

SPEARS® IPS-to-Metric transition unions are listed by nominal size. The chart below compares nominal and actual\* pipe O.D. for each size according to the designated standard.

| JIS K6741<br>(mm) |         | DIN 8062<br>(mm) |         | ASTM D1785<br>(in.) |         | NPT-ANSI B1.20.1**<br>Tapered Thread |             | BSP-BS21,DIN 2999,ISO 7/1<br>Thread |                |
|-------------------|---------|------------------|---------|---------------------|---------|--------------------------------------|-------------|-------------------------------------|----------------|
| Nominal           | Actual* | O.D.             | Actual* | Nominal             | Actual* | Designation                          | Threads/in. | Designation                         | Threads/25.4mm |
| 16                | 22      | 15               | 20      | 1/2                 | .840    | 1/2                                  | 14          | 1/2                                 | 14             |
| 20                | 26      | 20               | 25      | 3/4                 | 1.050   | 3/4                                  | 14          | 3/4                                 | 14             |
| 25                | 32      | 25               | 32      | 1                   | 1.315   | 1                                    | 11.5        | 1                                   | 11             |
| 30                | 38      | 38               | 40      | 1-1/4               | 1.660   | 1-1/4                                | 11.5        | 1-1/4                               | 11             |
| 40                | 48      | 40               | 50      | 1-1/2               | 1.900   | 1-1/2                                | 11.5        | 1-1/2                               | 11             |
| 50                | 60      | 50               | 63      | 2                   | 2.375   | 2                                    | 11.5        | 2                                   | 11             |
| 75                | 89      | 80               | 90      | 3                   | 3.500   | 3                                    | 8           | 3                                   | 11             |
| 100               | 114     | 100              | 110     | 4                   | 4.500   | 4                                    | 8           | 4                                   | 11             |

\*Specified dimension, certain tolerances apply

\*\*NPT and BSP have different thread angles and not compatible.



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Injection Molded Dimension References:

- G** = (LAYING LENGTH) Intersection of center lines to bottom of socket/thread; 90° elbows, tees, crosses;  $\pm 1/32$  inch.
- H** = Intersection of center lines to face of fitting; 90° elbows tees, crosses;  $\pm 1/32$  inch.
- J** = Intersection of center lines to bottom of socket/thread; 45° elbows;  $\pm 1/32$  inch

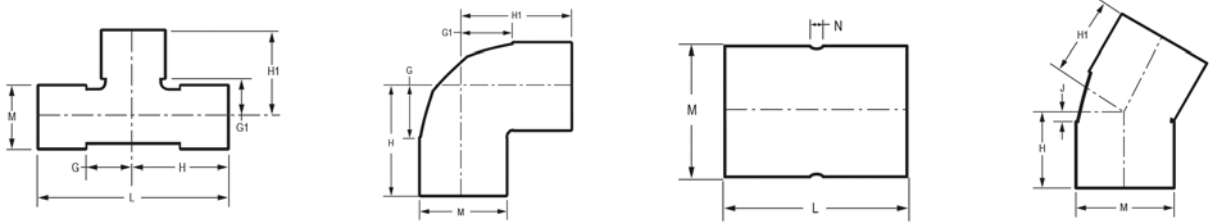
- L** = Overall length of fittings;  $\pm 1/16$  inch.
- M** = Outside diameter of socket/thread hub;  $\pm 1/16$  inch.
- N** = Socket bottom to socket bottom; couplings;  $\pm 1/16$  inch.
- W** = Height of cap;  $\pm 1/16$  inch.

### Fabricated Dimension References:

- G** = (LAYING LENGTH) Intersection of center lines to bottom of socket/thread; 90° elbows, tees, crosses;  $\pm 1/4$  inch; 14" & larger  $\pm 1/2$  inch.
- H** = Intersection of center lines to face of fitting; 90° elbows  $\pm 1/4$  inch, 14" & larger  $\pm 3/4$  inch; wyes  $\pm 1/2$  inch; tees, crosses  $\pm 1/4$  inch; 14" larger  $\pm 1/2$  inch.
- J** = Intersection of center lines to bottom of socket/thread; 45° elbows;  $\pm 1/4$  inch; 14" & larger  $\pm 1/2$  inch.

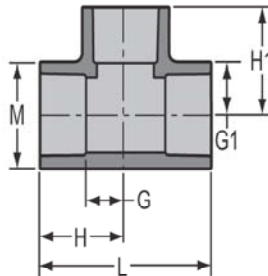
- L** = Overall length of fittings;  $\pm 1/2$  inch.; wyes  $\pm 1$  inch; 14" & larger  $\pm 1$  inch.
- M** = Outside diameter of socket/thread hub;  $\pm 1/4$  inch.
- N** = Socket bottom to socket bottom; couplings;  $\pm 1/2$  inch.
- W** = Height of cap;  $\pm 1/4$  inch.

### Typical Fabricated Dimension References



### Tee

Socket x Socket x Socket



| Part Number | Size  | G       | G1      | H       | H1      | L        | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|----------|---------|--------------------|
| 801-002C    | 1/4   | 11/32   | 11/32   | 31/32   | 31/32   | 1-31/32  | 27/32   | .03                |
| 801-003C    | 3/8   | 15/32   | 15/32   | 1- 1/4  | 1- 1/4  | 2- 1/2   | 31/32   | .06                |
| 801-005C    | 1/2   | 19/32   | 19/32   | 1-15/32 | 1-15/32 | 2-15/16  | 1-3/16  | .11                |
| 801-007C    | 3/4   | 11/16   | 11/16   | 1-11/16 | 1-11/16 | 3- 3/8   | 1-13/32 | .16                |
| 801-010C    | 1     | 27/32   | 27/32   | 2       | 2       | 4        | 1-23/32 | .29                |
| 801-012C    | 1-1/4 | 1-1/32  | 1-1/32  | 2-9/32  | 2-9/32  | 4-9/16   | 2-3/32  | .39                |
| 801-015C    | 1-1/2 | 1-3/16  | 1-3/16  | 2-9/16  | 2-9/16  | 5-1/8    | 2-3/8   | .53                |
| 801-020C    | 2     | 1-7/16  | 1-7/16  | 2-15/16 | 2-15/16 | 5-7/8    | 2-7/8   | .86                |
| 801-025C    | 2-1/2 | 1-23/32 | 1-23/32 | 3-1/2   | 3-1/2   | 7-1/32   | 3-1/2   | 1.68               |
| 801-030C    | 3     | 2-1/16  | 2-1/16  | 3-31/32 | 3-31/32 | 7-15/16  | 4-5/32  | 2.56               |
| 801-040C    | 4     | 2-15/32 | 2-15/32 | 4-3/4   | 4-3/4   | 9-15/32  | 5-1/4   | 3.71               |
| 801-050C    | 5     | 3- 5/32 | 3- 5/32 | 5-13/16 | 5-13/16 | 11-5/8   | 6-13/32 | 6.20               |
| 801-050CF*  | 5     | 5-1/2   | 5-1/2   | 8-1/2   | 8-1/2   | 17       | 6-5/16  | 9.85               |
| 801-060C    | 6     | 4-1/16  | 4-1/16  | 7-1/8   | 7-1/8   | 14-1/4   | 7-19/32 | 12.18              |
| 801-080C    | 8     | 4-7/8   | 4-7/8   | 8-7/8   | 8-7/8   | 17-23/32 | 9-23/32 | 21.58              |
| 801-080CF*  | 8     | 7-5/8   | 7-5/8   | 11-7/8  | 11-7/8  | 23-3/4   | 9-5/8   | 26.28              |

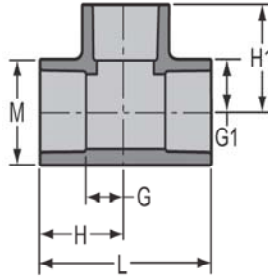
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



## Tee

Socket x Socket x Socket

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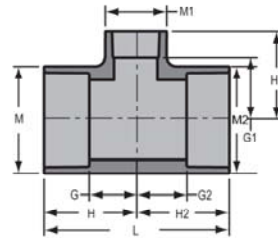


| Part Number | Size | G       | G1      | H        | H1       | L        | M        | Approx. Wt. (Lbs.) |
|-------------|------|---------|---------|----------|----------|----------|----------|--------------------|
| 801-100C    | 10   | 5-29/32 | 5-29/32 | 10-29/32 | 10-29/32 | 21-29/32 | 12-3/16  | 38.18              |
| 801-100CF*  | 10   | 9       | 9       | 14- 1/4  | 14- 1/4  | 28- 1/2  | 11-15/16 | 43.27              |
| 801-120C    | 12   | 6-31/32 | 6-31/32 | 12-31/32 | 12-31/32 | 25-11/16 | 14-1/4   | 55.92              |
| 801-120CF*  | 12   | 11- 1/4 | 11- 1/4 | 17- 1/2  | 17- 1/2  | 35       | 14- 1/8  | 72.57              |
| 801-140C    | 14   | 7- 1/16 | 7- 1/16 | 14-1/16  | 14-1/16  | 28-1/8   | 15-3/8   | 66.40              |
| 801-140CF*  | 14   | 12- 1/4 | 12- 1/4 | 19- 1/4  | 19- 1/4  | 38- 1/2  | 15- 1/2  | 102.20             |
| 801-160CF*  | 16   | 13      | 13      | 21       | 21       | 42       | 17-11/16 | 143.98             |
| 801-180CF*  | 18   | 13- 3/4 | 13- 3/4 | 22- 3/4  | 22- 3/4  | 45- 1/2  | 19- 7/8  | 187.57             |
| 801-200CF*  | 20   | 16- 3/8 | 16- 3/8 | 26- 3/8  | 26- 3/8  | 52- 3/4  | 22- 1/16 | 270.59             |
| 801-240CF*  | 24   | 20- 1/4 | 20- 1/4 | 32- 1/4  | 32- 1/4  | 64- 1/2  | 26- 7/16 | 500.00             |

\* Fabricated

## Tee - Reducing

Socket x Socket x Socket



| Part Number           | Size          | G       | G1      | G2      | H       | H1      | H2      | L       | M       | M1      | M2       | Approx. Wt. (Lbs.) |
|-----------------------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|--------------------|
| 801-101C              | 3/4X1/2       | 19/32   | 11/16   | 19/32   | 1-19/32 | 1-9/16  | 1-19/32 | 3-3/16  | 1-13/32 | 1-3/16  | 1-13/32  | .14                |
| 801-130C              | 1X1/2         | 19/32   | 7/8     | 19/32   | 1-23/32 | 1-3/4   | 1-23/32 | 3-7/16  | 1-3/4   | 1-3/16  | 1-3/4    | .20                |
| 801-131C              | 1X3/4         | 11/16   | 27/32   | 11/16   | 1-27/32 | 1-27/32 | 1-27/32 | 3-11/16 | 1- 3/4  | 1-13/32 | 1-3/4    | .24                |
| 801-157C              | 1-1/4X1X3/4   | 11/16   | 1-1/16  | 11/16   | 1-7/8   | 2-1/16  | 1-15/16 | 3-3/4   | 2-3/32  | 1-13/32 | 1-23/32  | .32                |
| 801-158C              | 1-1/4X1X1     | 7/8     | 27/32   | 25/32   | 2- 1/8  | 1-31/32 | 1-15/16 | 4       | 2-1/8   | 1-3/4   | 1-3/4    | .32                |
| 801-159C              | 1-1/4X1X1-1/4 | 15/16   | 15/16   | 15/16   | 2-7/32  | 2-7/32  | 2-3/32  | 4- 5/16 | 2-3/32  | 2-3/32  | 1-23/32  | .40                |
| 801-166C <sup>1</sup> | 1-1/4X1/2     | 5/8     | 1-5/16  | 5/8     | 1-15/16 | 2-7/32  | 1-15/16 | 3-7/8   | 2-3/32  | 1-13/32 | 2-3/32   | .28                |
| 801-167C              | 1-1/4X3/4     | 5/8     | 31/32   | 5/8     | 1-15/16 | 1-31/32 | 1-15/16 | 3- 7/8  | 2-3/32  | 1-13/32 | 2-3/32   | .29                |
| 801-168C              | 1-1/4X1       | 27/32   | 1- 1/32 | 27/32   | 2- 3/32 | 2- 5/32 | 2- 3/32 | 4- 7/32 | 2- 3/32 | 1- 3/4  | 2- 3/32  | .35                |
| 801-202C              | 1-1/2X1-1/4X1 | 27/32   | 1-1/32  | 27/32   | 2- 1/4  | 2-5/32  | 2- 1/4  | 4- 1/2  | 2-11/32 | 1-23/32 | 2-1/16   | .42                |
| 801-209C              | 1-1/2X1/2     | 19/32   | 1-3/32  | 19/32   | 1-31/32 | 1-31/32 | 1-31/32 | 3-15/16 | 2- 3/8  | 1- 3/16 | 2- 3/8   | .36                |
| 801-210C              | 1-1/2X3/4     | 11/16   | 1- 1/32 | 11/16   | 2- 1/16 | 2- 1/32 | 2-3/32  | 4-3/16  | 2-11/32 | 1-13/32 | 2- 11/32 | .40                |
| 801-211C              | 1-1/2X1       | 27/32   | 1- 5/32 | 27/32   | 2-1/4   | 2- 5/16 | 2-1/4   | 4-1/2   | 2-11/32 | 1- 3/4  | 2- 11/32 | .43                |
| 801-212C              | 1-1/2X1-1/4   | 1- 3/16 | 1-1/32  | 1- 3/16 | 2- 9/16 | 2-9/32  | 2- 9/16 | 5- 1/8  | 2-11/32 | 2-3/32  | 2-11/32  | .57                |
| 801-247C              | 2X1/2         | 9/16    | 1-13/32 | 9/16    | 2- 3/32 | 2- 9/32 | 2- 3/32 | 4- 3/16 | 2-27/32 | 1- 5/32 | 2-27/32  | .45                |
| 801-248C              | 2X3/4         | 11/16   | 1-13/32 | 11/16   | 2- 3/16 | 2-13/32 | 2- 3/16 | 4- 3/8  | 2-27/32 | 1- 3/8  | 2- 27/32 | .51                |
| 801-249C              | 2X1           | 27/32   | 1- 7/16 | 27/32   | 2-11/32 | 2- 9/16 | 2-11/32 | 4-23/32 | 2- 7/8  | 1- 3/4  | 2- 7/8   | .57                |
| 801-250C              | 2X1-1/4       | 1-1/32  | 1-11/32 | 1-1/32  | 2-9/16  | 2-19/32 | 2-9/16  | 5-3/32  | 2-27/32 | 2-3/32  | 2- 27/32 | .65                |
| 801-251C              | 2X1-1/2       | 1-3/16  | 1-11/32 | 1-3/16  | 2-11/16 | 2-27/32 | 2-11/16 | 5- 3/8  | 2-7/8   | 2-3/8   | 2- 7/8   | .79                |

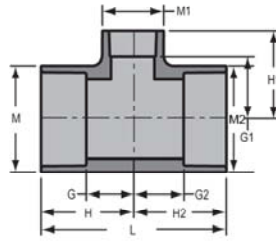


## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Tee - Reducing

(Continued)

Socket x Socket x Socket



| Part Number            | Size        | G       | G1      | G2      | H       | H1      | H2      | L        | M       | M1      | M2       | Approx. Wt.<br>(Lbs.) |
|------------------------|-------------|---------|---------|---------|---------|---------|---------|----------|---------|---------|----------|-----------------------|
| 801-254C <sup>1</sup>  | 2X2X4       | 3-21/32 | 2-15/32 | 3-21/32 | 5- 3/16 | 4-3/4   | 5- 3/16 | 10-11/32 | 5- 1/4  | 5- 1/4  | 5- 1/4   | 5.92                  |
| 801-287C               | 2-1/2X1/2   | 19/32   | 1-19/32 | 19/32   | 2-3/8   | 2-15/32 | 2-3/8   | 4-23/32  | 3-1/2   | 1-3/16  | 3-1/2    | .78                   |
| 801-288C               | 2-1/2X3/4   | 21/32   | 1-1/2   | 21/32   | 2-7/16  | 2-17/32 | 2-7/16  | 4-27/32  | 3-15/32 | 1-13/32 | 3-15/32  | .83                   |
| 801-289C               | 2-1/2X1     | 7/8     | 1-11/16 | 7/8     | 2-5/8   | 2-13/16 | 2-5/8   | 5-1/4    | 3-1/2   | 1-23/32 | 3-1/2    | 1.03                  |
| 801-290C               | 2-1/2X1-1/4 | 1-1/32  | 1-23/32 | 1-1/32  | 2-27/32 | 2-31/32 | 2-27/32 | 5-11/16  | 3-1/2   | 2-3/32  | 3-1/2    | 1.16                  |
| 801-291C               | 2-1/2X1-1/2 | 1-3/16  | 1-3/4   | 1-3/16  | 2-15/16 | 3- 1/8  | 2-15/16 | 5-7/8    | 3-1/2   | 2-11/32 | 3-1/2    | 1.27                  |
| 801-292C               | 2-1/2X2     | 1-13/32 | 1-5/8   | 1-13/32 | 3-3/16  | 3-1/8   | 3-3/16  | 6-3/8    | 3-1/2   | 2-7/8   | 3-1/2    | 1.37                  |
| 801-333C <sup>1</sup>  | 3X1/2       | 27/32   | 2-7/16  | 27/32   | 2-3/4   | 3-11/32 | 2-3/4   | 5-1/2    | 4- 3/16 | 1-3/4   | 4-3/16   | 1.35                  |
| 801-334C <sup>1</sup>  | 3X3/4       | 11/16   | 2-1/16  | 11/16   | 2-19/32 | 3-3/32  | 2-19/32 | 5-3/16   | 4-3/16  | 1-13/32 | 4-3/16   | 1.20                  |
| 801-335C               | 3X3X1       | 27/32   | 1-31/32 | 27/32   | 2-3/4   | 3-1/8   | 2-3/4   | 5-1/2    | 4-3/16  | 1-3/4   | 4-3/16   | 1.28                  |
| 801-336C <sup>1</sup>  | 3X1-1/4     | 1-3/8   | 2-1/4   | 1-3/8   | 3-5/16  | 3-17/32 | 3-5/16  | 6-5/8    | 4-3/16  | 2-7/8   | 4-3/16   | 1.93                  |
| 801-337C               | 3X3X1-1/2   | 1-5/32  | 2-1/16  | 1-5/32  | 3-1/16  | 3-7/16  | 3-1/16  | 6-1/8    | 4-3/16  | 2-3/8   | 4-3/16   | 1.49                  |
| 801-338C               | 3X2         | 1-7/16  | 1-13/16 | 1-7/16  | 3-5/16  | 3-5/16  | 3-5/16  | 6-5/8    | 4-3/16  | 2-7/8   | 4-3/16   | 1.73                  |
| 801-339C               | 3X2-1/2     | 1-3/4   | 1-15/16 | 1-3/4   | 3-5/8   | 3-11/16 | 3-5/8   | 7-1/4    | 4-3/16  | 3-1/2   | 4-3/16   | 2.11                  |
| 801-415C <sup>1</sup>  | 4X1/2       | 7/8     | 3-1/8   | 7/8     | 3-1/8   | 4-1/32  | 3-1/8   | 6-1/4    | 5-1/4   | 1-3/4   | 5-1/4    | 2.06                  |
| 801-416C <sup>1</sup>  | 4X3/4       | 7/8     | 3-1/8   | 7/8     | 3-1/8   | 4-1/8   | 3-1/8   | 6-1/4    | 5-1/4   | 1-3/4   | 5-1/4    | 2.02                  |
| 801-417C               | 4X1         | 7/8     | 2-5/8   | 7/8     | 3-1/8   | 3-3/4   | 3-1/8   | 6-1/4    | 5-1/4   | 1-3/4   | 5-1/4    | 1.99                  |
| 801-418C <sup>1</sup>  | 4X1-1/4     | 1-1/8   | 2-13/16 | 1-1/8   | 3-3/8   | 4-7/32  | 3-3/8   | 6-3/4    | 5-1/4   | 2-3/8   | 5-1/4    | 2.27                  |
| 801-419C               | 4X1-1/2     | 1-1/8   | 2-9/16  | 1-1/8   | 3-3/8   | 3-15/16 | 3-3/8   | 6-3/4    | 5-1/4   | 2-3/8   | 5-1/4    | 2.20                  |
| 801-420C               | 4X2         | 1-7/16  | 2-7/16  | 1-7/16  | 3-11/16 | 3-15/16 | 3-11/16 | 7-3/8    | 5-1/4   | 2-7/8   | 5-1/4    | 2.46                  |
| 801-421C <sup>1</sup>  | 4X2-1/2     | 2-1/8   | 2-29/32 | 2-1/8   | 4-3/8   | 5       | 4-3/8   | 8-3/4    | 5-1/4   | 4-3/16  | 5-1/4    | 3.48                  |
| 801-422C               | 4X3         | 2-1/8   | 2-13/16 | 2-1/8   | 4-3/8   | 4-19/32 | 4-3/8   | 8-3/4    | 5-1/4   | 4-3/16  | 5-1/4    | 3.07                  |
| 801-486C <sup>1</sup>  | 5X2         | 3- 5/32 | 5-1/16  | 3- 5/32 | 5-13/16 | 6-9/16  | 5-13/16 | 11-19/32 | 6-13/32 | 6-13/32 | 6- 13/32 | 8.66                  |
| 801-486CF <sup>+</sup> | 5X2         | 4-5/16  | 4-3/4   | 4-5/16  | 7-5/16  | 6-1/2   | 7-5/16  | 14-5/8   | 6-5/16  | 2-13/16 | 6-5/16   | 5.94                  |
| 801-487CF <sup>+</sup> | 5X2-1/2     | 4       | 4-15/16 | 4       | 7       | 6-15/16 | 7       | 14       | 6-5/16  | 3-7/16  | 6-5/16   | 6.27                  |
| 801-488C <sup>1</sup>  | 5X3         | 3- 5/32 | 4- 5/8  | 3- 5/32 | 5-13/32 | 6- 1/2  | 5-13/32 | 11-19/32 | 6-13/32 | 6-13/32 | 6- 13/32 | 8.42                  |
| 801-490C <sup>1</sup>  | 5X4         | 3- 5/32 | 3-29/32 | 3- 5/32 | 5-13/16 | 6- 5/32 | 5-13/16 | 11- 5/8  | 6-13/32 | 6-13/32 | 6- 13/32 | 7.56                  |
| 801-490CF <sup>+</sup> | 5X4         | 4-7/8   | 6-5/16  | 4-7/8   | 8-3/8   | 8-9/16  | 8-3/8   | 16-3/4   | 6-5/16  | 5-3/16  | 6-5/16   | 9.97                  |
| 801-523C <sup>1</sup>  | 6X1/2       | 7/8     | 4-3/16  | 7/8     | 3-7/8   | 5-3/32  | 3-7/8   | 7-3/4    | 7-9/16  | 1-23/32 | 7-9/16   | 4.50                  |
| 801-524C <sup>1</sup>  | 6X3/4       | 7/8     | 3-31/32 | 7/8     | 3-7/8   | 5       | 3-7/8   | 7-3/4    | 7-9/16  | 1-23/32 | 7- 9/16  | 4.47                  |
| 801-525C               | 6X1         | 7/8     | 3-23/32 | 7/8     | 3-7/8   | 4-27/32 | 3-7/8   | 7-3/4    | 7-9/16  | 1-23/32 | 7-9/16   | 4.43                  |
| 801-526C <sup>1</sup>  | 6X1-1/4     | 1-7/16  | 4-3/16  | 1-7/16  | 4-7/16  | 5-15/32 | 4-7/16  | 8-7/8    | 7-9/16  | 2-7/8   | 7-9/16   | 5.59                  |
| 801-527C <sup>1</sup>  | 6X1-1/2     | 1-7/16  | 4-3/32  | 1-7/16  | 4-7/16  | 5-1/2   | 4-7/16  | 8-7/8    | 7-19/32 | 2-7/8   | 7-19/32  | 5.54                  |
| 801-528C               | 6X2         | 1-7/16  | 3-3/4   | 1-7/16  | 4-7/16  | 5-1/4   | 4-7/16  | 8-7/8    | 7-9/16  | 2-7/8   | 7-9/16   | 5.39                  |
| 801-528CF <sup>+</sup> | 6X2         | 4-5/8   | 5-3/16  | 4-5/8   | 7-7/8   | 6-15/16 | 7-7/8   | 15-3/4   | 7-1/2   | 2-13/16 | 7-1/2    | 9.14                  |
| 801-529C <sup>1</sup>  | 6X2-1/2     | 2-1/16  | 4-3/16  | 2-1/16  | 5-5/32  | 6       | 5-5/32  | 10-3/16  | 7-9/16  | 4-3/16  | 7-9/16   | 7.11                  |
| 801-529CF <sup>+</sup> | 6X2-1/2     | 4-13/16 | 5-3/8   | 4-13/16 | 8-1/16  | 7-3/8   | 8-1/16  | 16-1/8   | 7-1/2   | 3-7/16  | 7-1/2    | 9.25                  |
| 801-530C <sup>1</sup>  | 6X3         | 2-1/16  | 3-3/4   | 2-1/16  | 5-3/32  | 5-5/8   | 5-3/32  | 10-3/16  | 7-9/16  | 5-1/4   | 7-9/16   | 6.70                  |
| 801-530CF <sup>+</sup> | 6X3         | 4- 3/4  | 5- 3/4  | 4- 3/4  | 8       | 8       | 8       | 16       | 7- 1/2  | 4- 1/8  | 7- 1/2   | 10.00                 |
| 801-532C               | 6X4         | 2-11/16 | 3-13/16 | 2-11/16 | 5-11/16 | 6-1/16  | 5-11/16 | 11-3/8   | 7-9/16  | 5-1/4   | 7-9/16   | 7.54                  |
| 801-575C <sup>1</sup>  | 8X1         | 2-5/8   | 6-1/2   | 2-5/8   | 6-5/8   | 7-5/8   | 6-5/8   | 13-1/4   | 9-23/32 | 5-1/4   | 9-23/32  | 13.58                 |

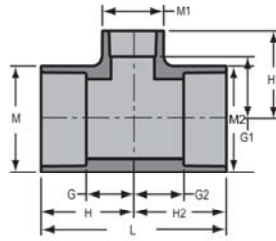
**Schedule 80 CPVC Technical**  
**Schedule 80 CPVC Fittings**



**Tee - Reducing**

Socket x Socket x Socket

(Continued)



| Part Number            | Size     | G       | G1       | G2      | H        | H1       | H2       | L        | M        | M1       | M2       | Approx. Wt.<br>(Lbs.) |
|------------------------|----------|---------|----------|---------|----------|----------|----------|----------|----------|----------|----------|-----------------------|
| 801-575CF <sup>+</sup> | 8X1      | 4-1/8   | 6-1/16   | 4-1/8   | 8-3/8    | 7-5/16   | 8-3/8    | 16-3/4   | 9-5/8    | 1-11/16  | 9-5/8    | 13.19                 |
| 801-576CF <sup>+</sup> | 8X1-1/4  | 4-1/4   | 6-1/16   | 4-1/4   | 8-1/2    | 7-9/16   | 8-1/2    | 17       | 9-5/8    | 2-1/16   | 9-5/8    | 13.83                 |
| 801-578C <sup>1</sup>  | 8X2      | 2-5/8   | 6        | 2-5/8   | 6-5/8    | 7-1/2    | 6-5/8    | 13-1/4   | 9-23/32  | 5-1/4    | 9-23/32  | 13.47                 |
| 801-578CF <sup>+</sup> | 8X2      | 4-11/16 | 6-1/8    | 4-11/16 | 8-15/16  | 7-7/8    | 8-15/16  | 17-7/8   | 9-5/8    | 2-13/16  | 9-5/8    | 14.64                 |
| 801-579CF <sup>+</sup> | 8X2-1/2  | 4-7/8   | 6-5/16   | 4-7/8   | 9-1/8    | 8-5/16   | 9-1/8    | 18-1/4   | 9-5/8    | 3-7/16   | 9-5/8    | 14.84                 |
| 801-580C <sup>1</sup>  | 8X3      | 2-5/8   | 5-21/32  | 2-5/8   | 6-5/8    | 7-17/32  | 6-5/8    | 13-1/4   | 9-23/32  | 5-1/4    | 9-23/32  | 13.23                 |
| 801-580CF <sup>+</sup> | 8X3      | 5-3/16  | 6-11/16  | 5-3/16  | 9-7/16   | 8-15/16  | 9-7/16   | 18-7/8   | 9-5/8    | 4-1/8    | 9-5/8    | 15.44                 |
| 801-582C <sup>1</sup>  | 8X4      | 2-5/8   | 4-7/8    | 2-5/8   | 6-5/8    | 7-1/8    | 6-5/8    | 13-1/4   | 9-23/32  | 5-1/4    | 9-23/32  | 12.37                 |
| 801-582CF <sup>+</sup> | 8X4      | 5-3/4   | 7-11/16  | 5-3/4   | 10       | 9-15/16  | 10       | 20       | 9-5/8    | 5-3/16   | 9-5/8    | 17.51                 |
| 801-585C               | 8X6      | 3-7/8   | 4-15/16  | 3-7/8   | 7-29/32  | 8        | 7-29/32  | 15-13/16 | 9-23/32  | 7-9/16   | 9-23/32  | 15.60                 |
| 801-618CF <sup>+</sup> | 10X1     | 4-1/2   | 7-1/16   | 4-1/2   | 9-3/4    | 8-5/16   | 9-3/4    | 19-1/2   | 11-15/16 | 1-11/16  | 11-15/16 | 23.76                 |
| 801-619CF <sup>+</sup> | 10X1-1/4 | 4-1/4   | 7        | 4-1/4   | 9-1/2    | 8-9/16   | 9-1/2    | 19       | 11-15/16 | 2-1/16   | 11-15/16 | 23.03                 |
| 801-621CF <sup>+</sup> | 10X2     | 4-3/8   | 7-1/8    | 4-3/8   | 9-5/8    | 8-7/8    | 9-5/8    | 19-1/4   | 11-15/16 | 2-13/16  | 11-15/16 | 23.87                 |
| 801-622CF <sup>+</sup> | 10X2-1/2 | 5-1/4   | 7-5/16   | 5-1/4   | 10-1/2   | 9-5/16   | 10-1/2   | 21       | 11-15/16 | 3-7/16   | 11-15/16 | 25.70                 |
| 801-623C <sup>1</sup>  | 10X3     | 3-25/32 | 7-1/2    | 3-25/32 | 9-3/8    | 9-3/8    | 9-3/8    | 18-3/4   | 12-1/16  | 7-9/16   | 12-1/16  | 28.57                 |
| 801-623CF <sup>+</sup> | 10X3     | 4-7/8   | 7-11/16  | 4-7/8   | 10-1/8   | 9-15/16  | 10-1/8   | 20-1/4   | 11-15/16 | 4-1/8    | 11-15/16 | 23.85                 |
| 801-624C <sup>1</sup>  | 10X4     | 3-25/32 | 7-1/8    | 3-25/32 | 9-3/8    | 9-3/8    | 9-3/8    | 18-3/4   | 12-1/16  | 7-9/16   | 12-1/16  | 28.40                 |
| 801-624CF <sup>+</sup> | 10X4     | 5-3/8   | 8-11/16  | 5-3/8   | 10-5/8   | 10-15/16 | 10-5/8   | 21-1/4   | 11-15/16 | 5-3/16   | 11-15/16 | 26.65                 |
| 801-626C               | 10X6     | 3-7/8   | 5-13/16  | 3-7/8   | 9-3/8    | 8-27/32  | 9-3/8    | 18-3/4   | 12-1/16  | 7-9/16   | 12-1/16  | 25.50                 |
| 801-626CF <sup>+</sup> | 10X6     | 5-7/8   | 9-1/16   | 5-7/8   | 11-1/8   | 12-5/16  | 11-1/8   | 22-1/4   | 11-15/16 | 7-1/2    | 11-15/16 | 30.18                 |
| 801-628C <sup>1</sup>  | 10X8     | 5-27/32 | 7-7/32   | 5-27/32 | 10-29/32 | 11-7/32  | 10-29/32 | 21-13/16 | 12-1/8   | 12-1/8   | 12-1/8   | 49.65                 |
| 801-628CF <sup>+</sup> | 10X8     | 8-1/4   | 9-15/16  | 8-1/4   | 13-1/2   | 14-3/16  | 13-1/2   | 27       | 11-15/16 | 9-5/8    | 11-15/16 | 38.10                 |
| 801-661CF <sup>+</sup> | 12X2     | 4-3/4   | 8        | 4-3/4   | 11       | 9-3/4    | 11       | 22       | 14-1/8   | 2-13/16  | 14-1/8   | 37.00                 |
| 801-663CF <sup>+</sup> | 12X3     | 5-1/4   | 8-9/16   | 5-1/4   | 11-1/2   | 10-13/16 | 11-1/2   | 23       | 14-1/8   | 4-1/8    | 14-1/8   | 37.44                 |
| 801-664C <sup>1</sup>  | 12X4     | 4-7/8   | 9-3/8    | 4-7/8   | 11-15/32 | 11-5/8   | 11-15/32 | 22-29/32 | 14-1/4   | 9-3/4    | 14-1/4   | 50.14                 |
| 801-664CF <sup>+</sup> | 12X4     | 5-3/4   | 9-9/16   | 5-3/4   | 12       | 11-13/16 | 12       | 24       | 14-1/8   | 5-3/16   | 14-1/8   | 42.27                 |
| 801-666CF <sup>+</sup> | 12X6     | 7-1/4   | 9-15/16  | 7-1/4   | 13-1/4   | 13-3/16  | 13-1/4   | 26-1/2   | 14-1/8   | 7-1/2    | 14-1/8   | 47.04                 |
| 801-668C               | 12X8     | 4-7/8   | 7-1/8    | 4-7/8   | 11-15/32 | 11-5/32  | 11-15/32 | 22-29/32 | 14-1/4   | 9-3/4    | 14-1/4   | 44.00                 |
| 801-668CF <sup>+</sup> | 12X8     | 8       | 10-13/16 | 8       | 14-1/4   | 15-1/16  | 14-1/4   | 28-1/2   | 14-1/8   | 9-5/8    | 14-1/8   | 52.66                 |
| 801-670CF <sup>+</sup> | 12X10    | 10-1/4  | 10-13/16 | 10-1/4  | 16-1/2   | 16-1/16  | 16-1/2   | 33       | 14-1/8   | 11-15/16 | 14-1/8   | 62.18                 |
| 801-691CF <sup>+</sup> | 14X2     | 5-3/16  | 8-9/16   | 5-3/16  | 12-3/16  | 10-5/16  | 12-3/16  | 24-3/8   | 15-1/2   | 2-13/16  | 15-1/2   | 49.11                 |
| 801-692CF <sup>+</sup> | 14X2-1/2 | 5-7/16  | 8-3/4    | 5-7/16  | 12-7/16  | 10-3/4   | 12-7/16  | 24-7/8   | 15-1/2   | 3-7/16   | 15-1/2   | 55.06                 |
| 801-693CF <sup>+</sup> | 14X3     | 5-3/4   | 9-1/8    | 5-3/4   | 12-3/4   | 11-3/8   | 12-3/4   | 25-1/2   | 15-1/2   | 4-1/8    | 15-1/2   | 52.55                 |
| 801-694CF <sup>+</sup> | 14X4     | 6-1/2   | 10-1/8   | 6-1/2   | 13-1/2   | 12-3/8   | 13-1/2   | 27       | 15-1/2   | 5-3/16   | 15-1/2   | 54.07                 |
| 801-696CF <sup>+</sup> | 14X6     | 8-1/4   | 10-1/2   | 8-1/4   | 15-1/4   | 13-3/4   | 15-1/4   | 30-1/2   | 15-1/2   | 7-1/2    | 15-1/2   | 64.29                 |
| 801-698CF <sup>+</sup> | 14X8     | 9-1/4   | 11-3/8   | 9-1/4   | 16-1/4   | 15-5/8   | 16-1/4   | 32-1/2   | 15-1/2   | 9-5/8    | 15-1/2   | 71.38                 |
| 801-700CF <sup>+</sup> | 14X10    | 10-1/8  | 11-3/8   | 10-1/8  | 17-1/8   | 16-5/8   | 17-1/8   | 34-1/4   | 15-1/2   | 11-15/16 | 15-1/2   | 80.46                 |
| 801-702C               | 14X12    | 7-1/32  | 7-13/32  | 7-1/32  | 14-1/32  | 13-13/32 | 14-1/32  | 28-1/16  | 15-21/32 | 14-9/32  | 15-21/32 | 65.48                 |
| 801-702CF <sup>+</sup> | 14X12    | 11      | 11-3/8   | 11      | 18       | 17-5/8   | 18       | 36       | 15-1/2   | 14-1/8   | 15-1/2   | 88.28                 |
| 801-751CF <sup>+</sup> | 16X2     | 5-7/8   | 9-1/2    | 5-7/8   | 13-7/8   | 11-1/4   | 13-7/8   | 27-3/4   | 17-11/16 | 2-13/16  | 17-11/16 | 72.48                 |

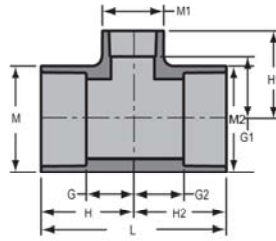


## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Tee - Reducing

(Continued)

Socket x Socket x Socket



| Part Number            | Size     | G       | G1       | G2      | H        | H1       | H2       | L      | M        | M1       | M2       | Approx. Wt.<br>(Lbs.) |
|------------------------|----------|---------|----------|---------|----------|----------|----------|--------|----------|----------|----------|-----------------------|
| 801-752CF <sup>1</sup> | 16X2-1/2 | 6       | 9-11/16  | 6       | 14       | 11-11/16 | 14       | 28     | 17-11/16 | 3-7/16   | 17-11/16 | 65.12                 |
| 801-753CF <sup>1</sup> | 16X3     | 6-5/16  | 10-1/16  | 6-5/16  | 14-5/16  | 12-5/16  | 14-5/16  | 28-5/8 | 17-11/16 | 4-1/8    | 17-11/16 | 76.03                 |
| 801-754CF <sup>1</sup> | 16X4     | 6-1/8   | 11-1/16  | 6-1/8   | 14-1/8   | 13-5/16  | 14-1/8   | 28-1/4 | 17-11/16 | 5-3/16   | 17-11/16 | 79.03                 |
| 801-756CF <sup>1</sup> | 16X6     | 8-5/8   | 11-7/16  | 8-5/8   | 16-5/8   | 14-11/16 | 16-5/8   | 33-1/4 | 17-11/16 | 7-1/2    | 17-11/16 | 89.59                 |
| 801-758CF <sup>1</sup> | 16X8     | 9-5/8   | 12-5/16  | 9-5/8   | 17-5/8   | 16-9/16  | 17-5/8   | 35-1/4 | 17-11/16 | 9-5/8    | 17-11/16 | 98.00                 |
| 801-760CF <sup>1</sup> | 16X10    | 10-5/8  | 12-5/16  | 10-5/8  | 18-5/8   | 17-9/16  | 18-5/8   | 37-1/4 | 17-11/16 | 11-15/16 | 17-11/16 | 103.61                |
| 801-762CF <sup>1</sup> | 16X12    | 11-5/8  | 12-5/16  | 11-5/8  | 19-5/8   | 18-9/16  | 19-5/8   | 39-1/4 | 17-11/16 | 14-1/8   | 17-11/16 | 115.74                |
| 801-764CF <sup>1</sup> | 16X14    | 12-3/4  | 12-11/16 | 12-3/4  | 20-3/4   | 19-11/16 | 20-3/4   | 41-1/2 | 17-11/16 | 15-1/2   | 17-11/16 | 127.09                |
| 801-783CF <sup>1</sup> | 18X3     | 6-3/8   | 10-15/16 | 6-3/8   | 15-3/8   | 13-3/16  | 15-3/8   | 30-3/4 | 19-7/8   | 4-1/8    | 19-7/8   | 101.41                |
| 801-784CF <sup>1</sup> | 18X4     | 6-7/8   | 11-15/16 | 6-7/8   | 15-7/8   | 14-3/16  | 15-7/8   | 31-3/4 | 19-7/8   | 5-3/16   | 19-7/8   | 105.12                |
| 801-786CF <sup>1</sup> | 18X6     | 8-1/2   | 12-5/16  | 8-1/2   | 17-1/2   | 15-9/16  | 17-1/2   | 35     | 19-7/8   | 7-1/2    | 19-7/8   | 116.61                |
| 801-788CF <sup>1</sup> | 18X8     | 9-1/2   | 13-3/16  | 9-1/2   | 18-1/2   | 17-7/16  | 18-1/2   | 37     | 19-7/8   | 9-5/8    | 19-7/8   | 127.49                |
| 801-790CF <sup>1</sup> | 18X10    | 10-1/2  | 13-3/16  | 10-1/2  | 19-1/2   | 18-7/16  | 19-1/2   | 39     | 19-7/8   | 11-15/16 | 19-7/8   | 138.58                |
| 801-792CF <sup>1</sup> | 18X12    | 11-1/2  | 13-3/16  | 11-1/2  | 20-1/2   | 19-7/16  | 20-1/2   | 41     | 19-7/8   | 14-1/8   | 19-7/8   | 159.38                |
| 801-794CF <sup>1</sup> | 18X14    | 12-3/4  | 13-9/16  | 12-3/4  | 21-3/4   | 20-9/16  | 21-3/4   | 43-1/2 | 19-7/8   | 15-1/2   | 19-7/8   | 154.48                |
| 801-796CF <sup>1</sup> | 18X16    | 13-1/2  | 14-3/16  | 13-1/2  | 22-1/2   | 22-3/16  | 22-1/2   | 45     | 19-7/8   | 17-11/16 | 19-7/8   | 172.46                |
| 801-814CF <sup>1</sup> | 20X4     | 7-11/16 | 12-7/8   | 7-11/16 | 17-11/16 | 15-1/8   | 17-11/16 | 35-3/8 | 22-1/16  | 5-3/16   | 22-1/16  | 144.71                |
| 801-816CF <sup>1</sup> | 20X6     | 8-7/8   | 13-1/4   | 8-7/8   | 18-7/8   | 16-1/2   | 18-7/8   | 37-3/4 | 22-1/16  | 7-1/2    | 22-1/16  | 161.20                |
| 801-818CF <sup>1</sup> | 20X8     | 9-7/8   | 14-1/8   | 9-7/8   | 19-7/8   | 18-3/8   | 19-7/8   | 39-3/4 | 22-1/16  | 9-5/8    | 22-1/16  | 172.69                |
| 801-820CF <sup>1</sup> | 20X10    | 10-7/8  | 14-1/8   | 10-7/8  | 20-7/8   | 19-3/8   | 20-7/8   | 41-3/4 | 22-1/16  | 11-15/16 | 22-1/16  | 163.27                |
| 801-822CF <sup>1</sup> | 20X12    | 11-7/8  | 14-1/8   | 11-7/8  | 21-7/8   | 20-3/8   | 21-7/8   | 43-3/4 | 22-1/16  | 14-1/8   | 22-1/16  | 199.57                |
| 801-824CF <sup>1</sup> | 20X14    | 12-7/8  | 14-1/2   | 12-7/8  | 22-7/8   | 21-1/2   | 22-7/8   | 45-3/4 | 22-1/16  | 15-1/2   | 22-1/16  | 190.94                |
| 801-826CF <sup>1</sup> | 20X16    | 14      | 15-1/8   | 14      | 24       | 23-1/8   | 24       | 48     | 22-1/16  | 17-11/16 | 22-1/16  | 210.27                |
| 801-828CF <sup>1</sup> | 20X18    | 15      | 15       | 15      | 25       | 24       | 25       | 50     | 22-1/16  | 19-7/8   | 22-1/16  | 226.80                |
| 801-904CF <sup>1</sup> | 24X4     | 9       | 14-11/16 | 9       | 21       | 16-15/16 | 21       | 42     | 26-7/16  | 5-3/16   | 26-7/16  | 250.81                |
| 801-906CF <sup>1</sup> | 24X6     | 9-1/4   | 15-1/16  | 9-1/4   | 21-1/4   | 18-5/16  | 21-1/4   | 42-1/2 | 26-7/16  | 7-1/2    | 26-7/16  | 253.45                |
| 801-908CF <sup>1</sup> | 24X8     | 10-1/4  | 15-15/16 | 10-1/4  | 22-1/4   | 20-3/16  | 22-1/4   | 44-1/2 | 26-7/16  | 9-5/8    | 26-7/16  | 247.99                |
| 801-910CF <sup>1</sup> | 24X10    | 11-1/4  | 15-15/16 | 11-1/4  | 23-1/4   | 21-3/16  | 23-1/4   | 46-1/2 | 26-7/16  | 11-15/16 | 26-7/16  | 255.59                |
| 801-912CF <sup>1</sup> | 24X12    | 12-1/4  | 15-15/16 | 12-1/4  | 24-1/4   | 22-3/16  | 24-1/4   | 48-1/2 | 26-7/16  | 14-1/8   | 26-7/16  | 301.36                |
| 801-914CF <sup>1</sup> | 24X14    | 13-1/4  | 16-5/16  | 13-1/4  | 25-1/4   | 23-5/16  | 25-1/4   | 50-1/2 | 26-7/16  | 15-1/2   | 26-7/16  | 282.42                |
| 801-916CF <sup>1</sup> | 24X16    | 14-3/4  | 16-15/16 | 14-3/4  | 26-3/4   | 24-15/16 | 26-3/4   | 53-1/2 | 26-7/16  | 17-11/16 | 26-7/16  | 306.68                |
| 801-918CF <sup>1</sup> | 24X18    | 15-3/4  | 16-13/16 | 15-3/4  | 27-3/4   | 25-13/16 | 27-3/4   | 55-1/2 | 26-7/16  | 19-7/8   | 26-7/16  | 246.78                |
| 801-920CF <sup>1</sup> | 24X20    | 16-3/4  | 18-3/16  | 16-3/4  | 28-3/4   | 28-3/16  | 28-3/4   | 57-1/2 | 26-7/16  | 22-1/16  | 26-7/16  | 351.59                |

<sup>1</sup> Sized with Bushing

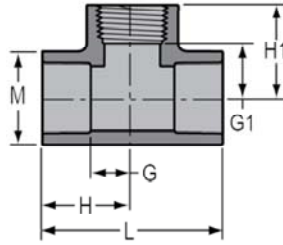
\* Fabricated

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



## Tee

Socket x Socket x Fipt

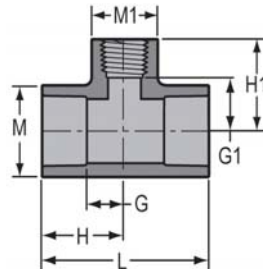


| Part Number | Size  | G       | G1       | H       | H1      | L        | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|----------|---------|---------|----------|---------|--------------------|
| 802-002C    | 1/4   | 5/16    | 3/8      | 15/16   | 15/16   | 1-29/32  | 7/8     | .05                |
| 802-005C    | 1/2   | 9/16    | 21/32    | 1-15/32 | 1-11/32 | 2-15/16  | 1-7/32  | .12                |
| 802-007C    | 3/4   | 19/32   | 21/32    | 1-19/32 | 1-3/8   | 3- 3/16  | 1-3/8   | .14                |
| 802-010C    | 1     | 5/8     | 3/4      | 1-25/32 | 1- 5/8  | 3-19/32  | 1-3/4   | .23                |
| 802-012C    | 1-1/4 | 13/16   | 1        | 2- 3/32 | 1-31/32 | 4-3/16   | 2- 3/32 | .35                |
| 802-015C    | 1-1/2 | 1-5/16  | 1-7/32   | 2-11/32 | 2- 5/32 | 4-11/16  | 2-11/32 | .51                |
| 802-020C    | 2     | 1-5/16  | 1-7/16   | 2-13/16 | 2-7/16  | 5-21/32  | 2-27/32 | .80                |
| 802-025C    | 2-1/2 | 2-9/32  | 2-25/32  | 4-11/32 | 4-3/8   | 8-11/16  | 4-3/16  | 3.88               |
| 802-030C    | 3     | 1-31/32 | 2- 1/8   | 3- 3/4  | 3-17/32 | 7-15/32  | 4-1/4   | 2.35               |
| 802-040C    | 4     | 2-1/2   | 2-21/32  | 4- 5/8  | 4- 5/32 | 9- 7/32  | 5- 9/32 | 3.49               |
| 802-060CF*  | 6     | 4-1/8   | 9        | 7-1/8   | 10-1/2  | 14-1/4   | 7-5/8   | 15.08              |
| 802-080CF*  | 8     | 4-13/16 | 10-13/16 | 8-13/16 | 12-9/16 | 17-11/16 | 9-11/16 | 28.31              |

\* Fabricated

## Tee - Reducing

Socket x Socket x Fipt



| Part Number           | Size        | G       | G1      | H       | H1      | L       | M       | M1      | Approx. Wt. (Lbs.) |
|-----------------------|-------------|---------|---------|---------|---------|---------|---------|---------|--------------------|
| 802-101C              | 3/4X1/2     | 19/32   | 23/32   | 1-19/32 | 1-7/16  | 3-7/32  | 1-13/32 | 1-3/16  | .14                |
| 802-130C              | 1X1/2       | 7/16    | 29/32   | 1- 9/16 | 1- 5/8  | 3- 1/8  | 1-23/32 | 1-3/16  | .19                |
| 802-131C              | 1X3/4       | 21/32   | 13/16   | 1-13/16 | 1-17/32 | 3- 5/8  | 1-23/32 | 1- 3/8  | .24                |
| 802-166C              | 1-1/4X1/2   | 7/16    | 1- 1/8  | 1-11/16 | 1-27/32 | 3- 3/8  | 2- 3/32 | 1- 3/16 | .26                |
| 802-167C <sup>1</sup> | 1-1/4X3/4   | 27/32   | 1-23/32 | 2- 1/8  | 2- 7/16 | 4- 7/32 | 2- 3/32 | 1- 3/4  | .41                |
| 802-168C              | 1-1/4X1     | 27/32   | 1- 1/32 | 2- 3/32 | 1-29/32 | 4- 7/32 | 2- 3/32 | 1-11/16 | .34                |
| 802-209C <sup>1</sup> | 1-1/2X1/2   | 1/2     | 1-1/4   | 1-7/8   | 1-31/32 | 3-3/4   | 2-11/32 | 1-3/16  | .33                |
| 802-210C <sup>1</sup> | 1-1/2X3/4   | 27/32   | 1-13/16 | 2- 1/4  | 2-9/16  | 4- 1/2  | 2-11/32 | 1-3/16  | .49                |
| 802-211C <sup>1</sup> | 1-1/2X1     | 27/32   | 1-7/32  | 2- 1/4  | 2- 3/32 | 4-15/32 | 2-11/32 | 1-11/16 | .66                |
| 802-212C              | 1-1/2X1-1/4 | 1- 1/32 | 1- 5/32 | 2- 7/16 | 2- 3/32 | 4-7/8   | 2- 3/8  | 2- 1/16 | .48                |
| 802-247C              | 2X1/2       | 1/2     | 1-17/32 | 2       | 2- 7/32 | 4       | 2-27/32 | 1- 3/16 | .47                |
| 802-248C              | 2X3/4       | 5/8     | 1- 3/8  | 2- 1/8  | 2-1/8   | 4- 1/4  | 2- 7/8  | 1- 3/8  | .48                |
| 802-249C              | 2X1         | 27/32   | 1-13/32 | 2-11/32 | 2-5/16  | 4-11/16 | 2- 7/8  | 1-11/16 | .56                |
| 802-250C <sup>1</sup> | 2X1-1/4     | 1-3/16  | 2-1/8   | 2-11/16 | 3-1/8   | 5-3/8   | 2-7/8   | 2-13/32 | .90                |
| 802-251C <sup>1</sup> | 2X1-1/2     | 1- 7/16 | 2-3/8   | 2-15/16 | 3-1/8   | 5- 7/8  | 2- 7/8  | 2- 7/8  | 1.06               |
| 802-287C              | 2-1/2X1/2   | 17/32   | 1-3/4   | 2- 5/16 | 2-1/2   | 4-5/8   | 3- 1/2  | 1- 3/16 | .78                |
| 802-288C <sup>1</sup> | 2-1/2X3/4   | 27/32   | 2-7/16  | 2-5/8   | 3- 5/32 | 5-1/4   | 3-1/2   | 1-23/32 | 1.09               |

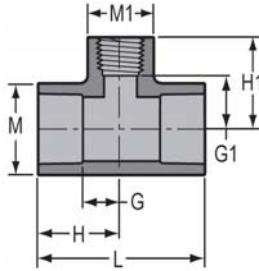


Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

**Tee - Reducing**

Socket x Socket x Fipt

(Continued)



| Part Number           | Size        | G       | G1      | H        | H1      | L        | M       | M1      | Approx. Wt. (Lbs.) |
|-----------------------|-------------|---------|---------|----------|---------|----------|---------|---------|--------------------|
| 802-289C <sup>1</sup> | 2-1/2X1     | 1-1/32  | 2-11/32 | 2-27/32  | 3- 1/4  | 5-11/16  | 3- 1/2  | 2-3/32  | 1.25               |
| 802-290C <sup>1</sup> | 2-1/2X1-1/4 | 1- 3/16 | 2-7/16  | 2-31/32  | 3-7/16  | 5-15/16  | 3-9/16  | 2- 3/8  | 1.37               |
| 802-291C <sup>1</sup> | 2-1/2X1-1/2 | 1- 7/16 | 2-9/16  | 3- 3/16  | 3-5/16  | 6- 3/8   | 3- 1/2  | 2- 7/8  | 1.57               |
| 802-292C <sup>1</sup> | 2-1/2X2     | 1- 3/4  | 2-27/32 | 3- 1/2   | 3-27/32 | 7        | 3-15/32 | 3-15/32 | 1.95               |
| 802-333C <sup>1</sup> | 3X1/2       | 7/8     | 2-19/32 | 2- 3/4   | 3-11/32 | 5- 1/2   | 4-3/16  | 1-3/4   | 1.34               |
| 802-334C <sup>1</sup> | 3X3/4       | 7/8     | 2-21/32 | 2- 3/4   | 3-13/32 | 5- 1/2   | 4- 3/16 | 1- 3/4  | 1.34               |
| 802-335C <sup>1</sup> | 3X1         | 1- 3/16 | 2-29/32 | 3- 1/16  | 3-13/16 | 6- 1/8   | 4-3/16  | 2-3/8   | 1.65               |
| 802-336C <sup>1</sup> | 3X1-1/4     | 1-5/32  | 2-23/32 | 3-1/32   | 3-21/32 | 6-1/16   | 4-3/16  | 2-3/8   | 1.59               |
| 802-337C <sup>1</sup> | 3X1-1/2     | 1- 7/16 | 2-3/4   | 3- 5/16  | 3-3/4   | 6- 5/8   | 4-3/16  | 2-7/8   | 1.93               |
| 802-338C <sup>1</sup> | 3X2         | 2- 3/32 | 3-11/32 | 3-31/32  | 4-5/16  | 7-15/16  | 4-3/16  | 4-3/16  | 3.14               |
| 802-339C <sup>1</sup> | 3X2-1/2     | 2- 3/32 | 3       | 3-31/32  | 4-1/2   | 7-15/16  | 4-3/16  | 4-3/16  | 3.07               |
| 802-415C <sup>1</sup> | 4X1/2       | 7/8     | 3-5/16  | 3-1/8    | 4-11/32 | 6-1/4    | 5- 1/4  | 1-3/4   | 2.05               |
| 802-416C <sup>1</sup> | 4X3/4       | 7/8     | 3-9/32  | 3-1/8    | 4-1/32  | 6-1/4    | 5- 1/4  | 1-3/4   | 2.05               |
| 802-417C <sup>1</sup> | 4X1         | 1-1/8   | 3-3/8   | 3-3/8    | 4-9/32  | 6-3/4    | 5- 1/4  | 2-11/32 | 2.36               |
| 802-418C <sup>1</sup> | 4X1-1/4     | 1-1/8   | 3-3/16  | 3-3/8    | 4-1/8   | 6-3/4    | 5-1/4   | 2-3/8   | 2.30               |
| 802-419C <sup>1</sup> | 4X1-1/2     | 1-7/16  | 3-3/8   | 3-11/16  | 4-11/32 | 7- 3/8   | 5- 1/4  | 2- 7/8  | 2.66               |
| 802-420C <sup>1</sup> | 4X2         | 2- 1/8  | 4-1/16  | 4- 3/8   | 5- 1/32 | 8-25/32  | 5- 1/4  | 4- 3/16 | 3.64               |
| 802-421C <sup>1</sup> | 4X2-1/2     | 2- 1/8  | 3-1/2   | 4- 3/8   | 5       | 8-25/32  | 5- 1/4  | 4- 3/16 | 3.57               |
| 802-422C <sup>1</sup> | 4X3         | 2-1/2   | 3-9/16  | 4-3/4    | 5-3/16  | 9-1/2    | 5- 1/4  | 5- 1/4  | 4.56               |
| 802-525C <sup>1</sup> | 6X1         | 1-13/32 | 4-3/4   | 4-7/16   | 5-11/16 | 8-7/8    | 7-9/16  | 2-7/8   | 5.66               |
| 802-526C <sup>1</sup> | 6X1-1/4     | 1-7/16  | 4-17/32 | 4-17/32  | 5-15/32 | 8-7/8    | 7-9/16  | 2-7/8   | 5.64               |
| 802-527C <sup>1</sup> | 6X1-1/2     | 1-7/16  | 4-17/32 | 4-7/16   | 5-15/32 | 8-7/8    | 7-9/16  | 2-7/8   | 5.59               |
| 802-528C <sup>1</sup> | 6X2         | 2-1/16  | 4-3/32  | 5-3/32   | 5-3/32  | 10-3/16  | 7-9/16  | 4-3/16  | 7.28               |
| 802-529C <sup>1</sup> | 6X2-1/2     | 2- 1/16 | 4-21/32 | 5- 3/32  | 6- 3/16 | 10- 5/32 | 7-19/32 | 4- 1/4  | 7.21               |
| 802-530C <sup>1</sup> | 6X3         | 2-11/16 | 4-15/16 | 5-23/32  | 6-15/32 | 11-7/16  | 7-9/32  | 5- 1/4  | 8.39               |
| 802-623C <sup>1</sup> | 10X3        | 3-25/32 | 7-31/32 | 9-3/8    | 9-3/8   | 18-3/4   | 12-1/16 | 7-9/16  | 28.64              |
| 802-532C <sup>1</sup> | 6X4         | 3-25/32 | 5-13/16 | 6-13/16  | 7-5/16  | 13-5/8   | 7-9/16  | 7-9/16  | 14.98              |
| 802-624C <sup>1</sup> | 10X4        | 3-25/32 | 7-7/8   | 9-3/8    | 9-3/8   | 18-3/4   | 12-1/16 | 7-9/16  | 28.29              |
| 802-661C <sup>1</sup> | 12X2        | 4-7/8   | 11-1/16 | 11-15/32 | 12-1/16 | 22-15/16 | 14-1/4  | 9-3/4   | 52.61              |
| 802-663C <sup>1</sup> | 12X3        | 4-7/8   | 10-5/8  | 11-15/32 | 12-1/16 | 22-15/16 | 14-1/4  | 9-3/4   | 52.50              |
| 802-664C <sup>1</sup> | 12X4        | 4-7/8   | 10-9/16 | 11-15/32 | 12-1/16 | 22-15/16 | 14-1/4  | 9-3/4   | 52.15              |
| 802-578C <sup>1</sup> | 8X2         | 2-5/8   | 6-1/2   | 6-5/8    | 7-1/2   | 13-1/4   | 9-23/32 | 5-1/4   | 13.57              |
| 802-582C <sup>1</sup> | 8X4         | 3-7/8   | 7       | 7-29/32  | 8-1/2   | 15-13/16 | 9-23/32 | 7-9/16  | 18.39              |
| 802-580C <sup>1</sup> | 8X3         | 2-5/8   | 5-7/8   | 6-5/8    | 7-1/2   | 13-1/4   | 9-23/32 | 5-1/4   | 13.22              |
| 802-621C <sup>1</sup> | 10X2        | 3-25/32 | 8-3/8   | 9-3/8    | 9-3/8   | 18-3/4   | 12-1/16 | 7-9/16  | 28.75              |

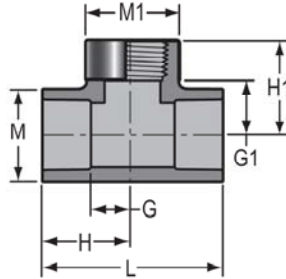
<sup>1</sup> Sized with Bushing

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**Tee - Special Reinforced**

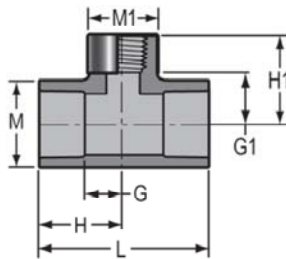
Socket x Socket x SR Fipt - Stainless Steel Collar



| Part Number | Size  | G       | G1      | H       | H1      | L       | M       | M1      | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|---------|---------|--------------------|
| 802-005CSR  | 1/2   | 9/16    | 21/32   | 1-15/32 | 1- 3/8  | 2-15/16 | 1- 7/32 | 1-3/16  | .13                |
| 802-007CSR  | 3/4   | 19/32   | 21/32   | 1-19/32 | 1-3/8   | 3- 3/16 | 1-3/8   | 1-3/8   | .15                |
| 802-010CSR  | 1     | 21/32   | 11/16   | 1-13/16 | 1- 5/8  | 3- 5/8  | 1-23/32 | 1-23/32 | .34                |
| 802-012CSR  | 1-1/4 | 13/16   | 1       | 2- 3/32 | 1-31/32 | 4- 3/16 | 2- 3/32 | 2- 1/16 | .38                |
| 802-015CSR  | 1-1/2 | 1-5/16  | 1- 7/32 | 2-11/32 | 2- 5/32 | 4-11/16 | 2-11/32 | 2- 7/16 | .52                |
| 802-020CSR  | 2     | 1- 5/16 | 1-7/16  | 2-13/16 | 2-7/16  | 5-21/32 | 2-27/32 | 3- 1/32 | .83                |
| 802-030CSR  | 3     | 1-27/32 | 2-5/32  | 3-23/32 | 3-9/16  | 7-15/32 | 4- 9/32 | 4-1/4   | 2.43               |
| 802-040CSR  | 4     | 2-1/2   | 2-21/32 | 4- 5/8  | 4- 5/32 | 9- 7/32 | 5- 1/4  | 5- 1/4  | 3.55               |

**Tee - Special Reinforced Reducing**

Socket x Socket x SR Fipt - Stainless Steel Collar



| Part Number             | Size        | G       | G1      | H       | H1      | L       | M       | M1      | Approx. Wt. (Lbs.) |
|-------------------------|-------------|---------|---------|---------|---------|---------|---------|---------|--------------------|
| 802-072CSR              | 1/2X1/4     | 7/16    | 11/16   | 1- 5/16 | 1- 7/32 | 2- 5/8  | 1- 5/32 | 27/32   | .09                |
| 802-098CSR              | 3/4X1/4     | 7/16    | 13/16   | 1- 7/16 | 1-11/32 | 2- 7/8  | 1- 3/8  | 27/32   | .12                |
| 802-101CSR              | 3/4X1/2     | 19/32   | 23/32   | 1-19/32 | 1-15/32 | 3- 7/32 | 1-13/32 | 1- 3/16 | .15                |
| 802-128CSR <sup>1</sup> | 1X1/4       | 7/8     | 2-11/16 | 2       | 3-1/4   | 4       | 1-3/4   | 27/32   | .38                |
| 802-130CSR              | 1X1/2       | 7/16    | 29/32   | 1- 9/16 | 1- 5/8  | 3- 1/8  | 1-23/32 | 1- 3/16 | .20                |
| 802-131CSR              | 1X3/4       | 21/32   | 13/16   | 1-13/16 | 1-9/16  | 3-19/32 | 1-23/32 | 1- 3/8  | .22                |
| 802-164CSR <sup>1</sup> | 1-1/4X1/4   | 27/32   | 2-13/16 | 2- 1/8  | 3-13/32 | 4- 7/32 | 2- 3/32 | 27/32   | .44                |
| 802-166CSR              | 1-1/4X1/2   | 7/16    | 1- 1/8  | 1-11/16 | 1-27/32 | 3-13/32 | 2- 3/32 | 1- 3/16 | .26                |
| 802-168CSR              | 1-1/4X1     | 27/32   | 1       | 2-1/8   | 1-29/32 | 4-1/4   | 2- 3/32 | 1-11/16 | .36                |
| 802-207CSR <sup>1</sup> | 1-1/2X1/4   | 27/32   | 1-31/32 | 2- 1/4  | 2-9/16  | 4-1/2   | 2-11/32 | 1- 3/4  | .51                |
| 802-211CSR              | 1-1/2X1     | 27/32   | 1- 7/32 | 2- 1/4  | 2- 1/8  | 4-15/32 | 2- 3/8  | 1-11/16 | .43                |
| 802-212CSR              | 1-1/2X1-1/4 | 1- 1/32 | 1- 5/32 | 2- 7/16 | 2- 3/32 | 4-7/8   | 2- 3/8  | 2- 1/16 | .51                |
| 802-247CSR              | 2X1/2       | 1/2     | 1-17/32 | 2       | 2- 1/4  | 4       | 2-27/32 | 1- 3/16 | .48                |
| 802-248CSR              | 2X3/4       | 19/32   | 1-13/32 | 2- 1/8  | 2- 1/8  | 4- 1/4  | 2- 7/8  | 1- 3/8  | .50                |
| 802-287CSR              | 2-1/2X1/2   | 17/32   | 1-3/4   | 2- 5/16 | 2- 1/2  | 4-5/8   | 3- 1/2  | 1-3/16  | .79                |
| 802-331CSR <sup>1</sup> | 3X1/4       | 7/8     | 3-3/4   | 2-3/4   | 4-11/32 | 5-1/2   | 4-7/32  | 27/32   | 1.37               |
| 802-413CSR <sup>1</sup> | 4X1/4       | 27/32   | 4-13/32 | 3-1/8   | 5       | 6-1/4   | 5- 1/4  | 27/32   | 2.07               |

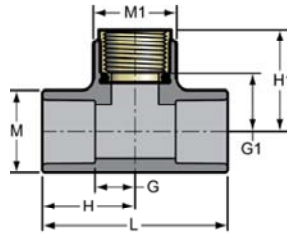
<sup>1</sup> Sized with Bushing



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Tee - Brass Transition

Socket x Socket x Fipt With Brass Thread Insert

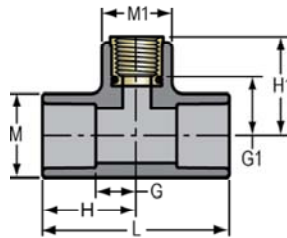


| Part Number | Size | G     | G1      | H       | H1      | L       | M       | M1      | Approx. Wt. (Lbs.) |
|-------------|------|-------|---------|---------|---------|---------|---------|---------|--------------------|
| 802-005CBR  | 1/2  | 7/8   | 31/32   | 1- 7/16 | 1-17/32 | 2- 5/8  | 1- 5/32 | 1- 7/32 | .16                |
| 802-007CBR  | 3/4  | 17/32 | 1- 5/32 | 1-17/32 | 1-13/16 | 3- 1/16 | 1-13/32 | 1- 3/8  | .22                |

**Not intended to convey or dispense water for human consumption through drinking or cooking**

### Tee - Brass Transition Reducing

Socket x Socket x Fipt With Brass Thread Insert

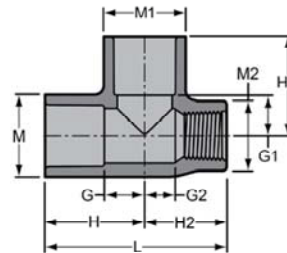


| Part Number | Size    | G    | G1      | H       | H1     | L       | M       | M1      | Approx. Wt. (Lbs.) |
|-------------|---------|------|---------|---------|--------|---------|---------|---------|--------------------|
| 802-101CBR  | 3/4X1/2 | 7/16 | 1- 1/32 | 1- 7/16 | 1- 5/8 | 2-29/32 | 1-13/32 | 1- 3/16 | .19                |

**Not intended to convey or dispense water for human consumption through drinking or cooking**

### Tee - Reducing

Socket x Fipt x Socket



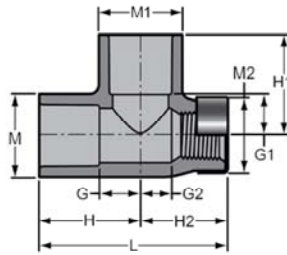
| Part Number | Size        | G     | G1    | G2    | H       | H1      | H2      | L       | M       | M1      | M2     | Approx. Wt. (Lbs.) |
|-------------|-------------|-------|-------|-------|---------|---------|---------|---------|---------|---------|--------|--------------------|
| 803-095C    | 3/4X1/2X3/4 | 11/16 | 11/16 | 11/16 | 1-11/16 | 1-11/16 | 1-13/32 | 3- 3/32 | 1-13/32 | 1-13/32 | 1-3/16 | .15                |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**Tee - Special Reinforced Reducing**

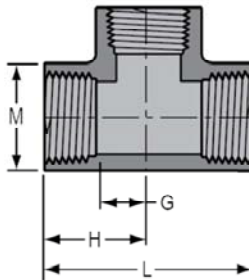
Socket x SR Fipt - Stainless Steel Collar x Socket



| Part Number | Size        | G     | G1    | G2    | H       | H1      | H2      | L      | M       | M1      | M2     | Approx. Wt. (Lbs.) |
|-------------|-------------|-------|-------|-------|---------|---------|---------|--------|---------|---------|--------|--------------------|
| 803-095CSR  | 3/4X1/2X3/4 | 11/16 | 11/16 | 11/16 | 1-11/16 | 1-11/16 | 1-13/32 | 3- 1/8 | 1-13/32 | 1-13/32 | 1-7/32 | .16                |

**Tee**

Fipt x Fipt x Fipt



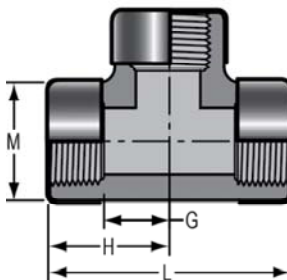
| Part Number              | Size  | G       | H       | L        | M       | Approx. Wt. (Lbs.) |
|--------------------------|-------|---------|---------|----------|---------|--------------------|
| 805-002C                 | 1/4   | 1/2     | 1- 3/32 | 2- 3/16  | 27/32   | .05                |
| 805-003C                 | 3/8   | 9/16    | 1- 5/32 | 2- 5/16  | 15/16   | .07                |
| 805-005C                 | 1/2   | 17/32   | 1- 1/4  | 2-15/32  | 1- 3/16 | .11                |
| 805-007C                 | 3/4   | 21/32   | 1-15/32 | 2-15/16  | 1- 1/2  | .20                |
| 805-010C                 | 1     | 7/8     | 1-23/32 | 3-7/16   | 1-27/32 | .28                |
| 805-012C                 | 1-1/4 | 15/16   | 1-31/32 | 3-29/32  | 2- 1/4  | .55                |
| 805-015C                 | 1-1/2 | 1-3/8   | 2- 3/16 | 4- 3/8   | 2-7/16  | .62                |
| 805-020C                 | 2     | 1- 5/8  | 2- 5/8  | 5- 1/4   | 3       | 1.15               |
| 805-025C                 | 2-1/2 | 1-19/32 | 3- 1/8  | 6-9/32   | 3-9/16  | 1.76               |
| 805-030C                 | 3     | 1-15/16 | 3- 9/16 | 7- 3/32  | 4-11/32 | 2.92               |
| 805-040C                 | 4     | 2-15/32 | 4-3/16  | 8-3/8    | 5-13/32 | 4.35               |
| 805-060CF <sup>1</sup> * | 6     | 9       | 10-1/2  | 20-15/16 | 7-3/16  | 21.55              |
| 805-080CF <sup>1</sup> * | 8     | 10-7/8  | 12-5/8  | 25-5/16  | 9-5/16  | 41.95              |

<sup>1</sup> Sized with Bushing

\* Fabricated

**Tee - Special Reinforced**

SR Fipt x SR Fipt x SR Fipt - Stainless Steel Collar



| Part Number | Size | G     | H       | L       | M       | Approx. Wt. (Lbs.) |
|-------------|------|-------|---------|---------|---------|--------------------|
| 805-002CSR  | 1/4  | 17/32 | 1- 1/8  | 2- 1/4  | 27/32   | .06                |
| 805-003CSR  | 3/8  | 9/16  | 1- 3/16 | 2-11/32 | 31/32   | .08                |
| 805-005CSR  | 1/2  | 17/32 | 1- 1/4  | 2- 1/2  | 1- 3/16 | .14                |

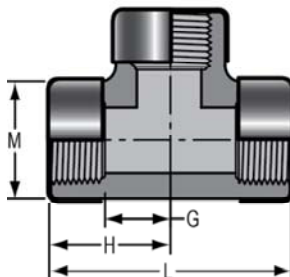


## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Tee - Special Reinforced

SR Fipt x SR Fipt x SR Fipt - Stainless Steel Collar

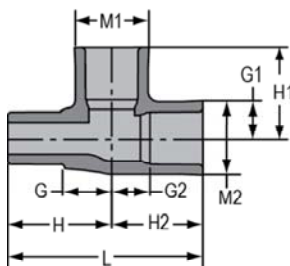
(Continued)



| Part Number | Size  | G       | H       | L       | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|--------------------|
| 805-007CSR  | 3/4   | 19/32   | 1-11/32 | 2-11/16 | 1- 3/8  | .16                |
| 805-010CSR  | 1     | 7/8     | 1-25/32 | 3- 9/16 | 1-11/16 | .33                |
| 805-015CSR  | 1-1/2 | 1-1/4   | 2-7/32  | 4-7/16  | 2-13/32 | .70                |
| 805-020CSR  | 2     | 1-21/32 | 2-21/32 | 5-5/16  | 3       | 1.26               |

### Tee - Street

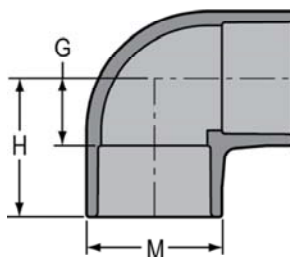
Spigot x Socket x Socket



| Part Number | Size  | G       | G1      | G2     | H       | H1      | H2      | L       | M1      | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|--------|---------|---------|---------|---------|---------|--------------------|
| 844-005C    | 1/2   | 25/32   | 19/32   | 19/32  | 1-11/16 | 1-15/32 | 1-15/32 | 3- 5/32 | 1- 3/16 | .10                |
| 844-007C    | 3/4   | 15/16   | 11/16   | 11/16  | 1-15/16 | 1-11/16 | 1-11/16 | 3- 5/8  | 1-13/32 | .16                |
| 844-010C    | 1     | 1- 3/32 | 7/8     | 7/8    | 2- 7/32 | 2       | 2       | 4- 7/32 | 1- 3/4  | .26                |
| 844-012C    | 1-1/4 | 1-5/16  | 1-1/32  | 1-1/32 | 2-9/16  | 2-9/32  | 2-9/32  | 4-27/32 | 2-1/8   | .41                |
| 844-015C    | 1-1/2 | 1-7/16  | 1-3/16  | 1-3/16 | 2-13/16 | 2- 9/16 | 2- 9/16 | 5-3/8   | 2-3/8   | .54                |
| 844-020C    | 2     | 1-23/32 | 1- 7/16 | 1-7/16 | 3- 1/4  | 2-15/16 | 2-15/16 | 6-3/16  | 2- 7/8  | .83                |

### 90° EII

Socket x Socket



| Part Number | Size  | G       | H       | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|--------------------|
| 806-002C    | 1/4   | 13/32   | 1-1/32  | 13/16   | .03                |
| 806-003C    | 3/8   | 15/32   | 1-7/32  | 31/32   | .04                |
| 806-005C    | 1/2   | 9/16    | 1-15/32 | 1- 3/16 | .08                |
| 806-007C    | 3/4   | 11/16   | 1-11/16 | 1-13/32 | .12                |
| 806-010C    | 1     | 7/8     | 2       | 1- 3/4  | .20                |
| 806-012C    | 1-1/4 | 1-1/32  | 2- 9/32 | 2-3/32  | .31                |
| 806-015C    | 1-1/2 | 1- 5/32 | 2- 9/16 | 2-11/32 | .41                |
| 806-020C    | 2     | 1-13/32 | 2-15/16 | 2- 7/8  | .62                |

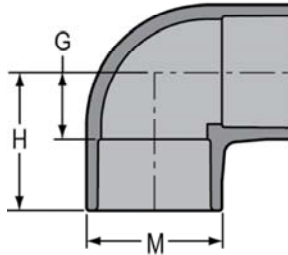
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**90° EII**

Socket x Socket

(Continued)

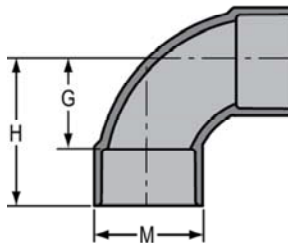


| Part Number | Size  | G        | H        | M        | Approx. Wt.<br>(Lbs.) |
|-------------|-------|----------|----------|----------|-----------------------|
| 806-025C    | 2-1/2 | 1-1/2    | 3-3/8    | 3-1/2    | 1.14                  |
| 806-030C    | 3     | 2-1/16   | 4        | 4- 3/16  | 1.75                  |
| 806-040C    | 4     | 2-19/32  | 4-27/32  | 5- 1/4   | 2.92                  |
| 806-050C    | 5     | 3-3/16   | 5-13/16  | 6- 3/8   | 4.62                  |
| 806-050CF*  | 5     | 6- 9/16  | 9- 9/16  | 6- 5/16  | 7.40                  |
| 806-060C    | 6     | 3-13/16  | 6-13/16  | 7-19/32  | 7.97                  |
| 806-080C    | 8     | 4-25/32  | 8-25/32  | 9- 3/4   | 15.11                 |
| 806-080CF*  | 8     | 9- 1/4   | 13- 1/2  | 9- 5/8   | 21.14                 |
| 806-100C    | 10    | 5-25/32  | 10-13/16 | 12-1/16  | 27.41                 |
| 806-100CF*  | 10    | 11-13/16 | 17- 1/16 | 11-15/16 | 41.40                 |
| 806-120C    | 12    | 7        | 13       | 14-1/4   | 45.01                 |
| 806-120CF*  | 12    | 13- 5/8  | 19- 7/8  | 14- 1/8  | 59.42                 |
| 806-140C    | 14    | 7- 1/2   | 14- 1/2  | 15-9/16  | 55.89                 |
| 806-140CF*  | 14    | 16       | 23       | 15- 1/2  | 86.71                 |
| 806-160CF*  | 16    | 18- 7/16 | 26- 7/16 | 17-11/16 | 141.62                |
| 806-180CF*  | 18    | 20- 7/8  | 29- 7/8  | 19- 7/8  | 175.61                |
| 806-200CF*  | 20    | 23- 5/16 | 33- 5/16 | 22- 1/16 | 260.13                |
| 806-240CF*  | 24    | 28- 1/4  | 40- 1/4  | 26- 7/16 | 422.00                |

\* Fabricated

**90° EII - Sweep**

Socket x Socket



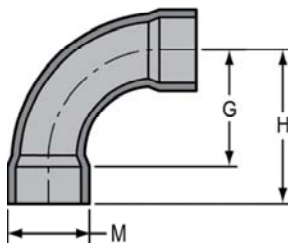
| Part Number | Size  | G       | H       | M       | Approx. Wt.<br>(Lbs.) |
|-------------|-------|---------|---------|---------|-----------------------|
| 806-005SC   | 1/2   | 27/32   | 1-23/32 | 1- 3/16 | .09                   |
| 806-007SC   | 3/4   | 1-1/16  | 2-1/16  | 1-13/32 | .13                   |
| 806-010SC   | 1     | 1- 5/16 | 2- 7/16 | 1-3/4   | .23                   |
| 806-012SC   | 1-1/4 | 1- 9/16 | 2-27/32 | 2- 3/32 | .35                   |
| 806-015SC   | 1-1/2 | 1- 3/4  | 3-5/32  | 2-3/8   | .43                   |
| 806-020SC   | 2     | 2- 5/16 | 3-13/16 | 2- 7/8  | .81                   |



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### 90° EII - Long Sweep

Socket x Socket

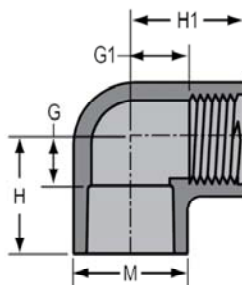


| Part Number  | Size  | G       | H       | M        | Approx. Wt. (Lbs.) |
|--------------|-------|---------|---------|----------|--------------------|
| 806-005LSCF* | 1/2   | 1- 7/8  | 2- 3/4  | 1- 1/8   | .15                |
| 806-007LSCF* | 3/4   | 2- 7/16 | 3- 7/16 | 1- 7/16  | .26                |
| 806-010LSCF* | 1     | 2- 7/8  | 4       | 1-11/16  | .40                |
| 806-012LSCF* | 1-1/4 | 3- 5/8  | 4- 7/8  | 2- 1/16  | .56                |
| 806-015LSCF* | 1-1/2 | 4- 1/8  | 5- 1/2  | 2- 5/16  | .65                |
| 806-020LSCF* | 2     | 4- 3/4  | 6-1/4   | 2-13/16  | 1.18               |
| 806-025LSCF* | 2-1/2 | 5-3/4   | 7-3/4   | 3-7/16   | 1.70               |
| 806-030LSCF* | 3     | 7       | 9       | 4- 1/8   | 2.46               |
| 806-040LSCF* | 4     | 9       | 11- 1/4 | 5- 3/16  | 4.85               |
| 806-060LSCF* | 6     | 13      | 16- 1/4 | 7- 1/2   | 11.76              |
| 806-080LSCF* | 8     | 23-1/2  | 27-3/4  | 9-5/8    | 31.25              |
| 806-100LSCF* | 10    | 27      | 32-1/4  | 11-15/16 | 54.83              |

\* Fabricated

### 90° EII

Socket x Fipt



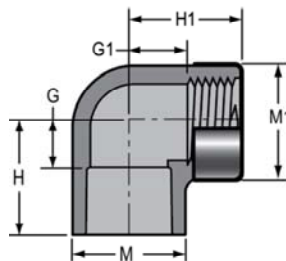
| Part Number | Size  | G       | G1      | H       | H1      | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|--------------------|
| 807-002C    | 1/4   | 5/16    | 11/32   | 15/16   | 15/16   | 7/8     | .03                |
| 807-003C    | 3/8   | 1/4     | 7/16    | 1- 1/32 | 1- 1/32 | 1- 1/32 | .05                |
| 807-005C    | 1/2   | 15/32   | 9/16    | 1-11/32 | 1- 9/32 | 1- 3/16 | .08                |
| 807-007C    | 3/4   | 9/16    | 11/16   | 1- 9/16 | 1-13/32 | 1- 3/8  | .10                |
| 807-010C    | 1     | 11/16   | 3/4     | 1-7/8   | 1-11/16 | 1-23/32 | .19                |
| 807-012C    | 1-1/4 | 23/32   | 1- 1/32 | 1-31/32 | 1-31/32 | 2- 1/16 | .29                |
| 807-015C    | 1-1/2 | 31/32   | 1- 7/32 | 2-11/32 | 2- 5/32 | 2-3/8   | .40                |
| 807-020C    | 2     | 1-13/32 | 1-1/2   | 2-15/16 | 2-1/2   | 3       | .84                |
| 807-030C    | 3     | 1-13/16 | 2-1/4   | 3-11/16 | 3- 9/16 | 4-1/4   | 1.99               |
| 807-040C    | 4     | 2-3/8   | 2-13/16 | 4- 9/16 | 4-7/32  | 5- 1/4  | 2.94               |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**90° EII - Special Reinforced**

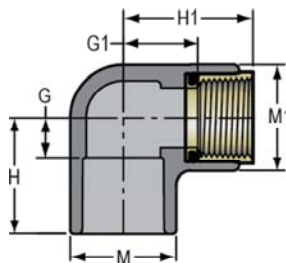
Socket x SR Fipt - Stainless Steel Collar



| Part Number                | Size  | G       | G1      | H       | H1      | M       | M1      | Approx. Wt. (Lbs.) |
|----------------------------|-------|---------|---------|---------|---------|---------|---------|--------------------|
| <a href="#">807-005CSR</a> | 1/2   | 15/32   | 23/32   | 1-11/32 | 1- 9/32 | 1- 3/16 | 1- 7/32 | .09                |
| <a href="#">807-007CSR</a> | 3/4   | 9/16    | 21/32   | 1- 9/16 | 1-13/32 | 1- 3/8  | 1- 3/8  | .11                |
| <a href="#">807-010CSR</a> | 1     | 19/32   | 13/16   | 1-23/32 | 1-23/32 | 1-11/16 | 1-23/32 | .21                |
| <a href="#">807-012CSR</a> | 1-1/4 | 23/32   | 1- 1/32 | 1-31/32 | 1-31/32 | 2- 1/16 | 2- 1/16 | .31                |
| <a href="#">807-015CSR</a> | 1-1/2 | 31/32   | 1- 5/32 | 2- 3/8  | 2- 1/8  | 2-11/32 | 2- 7/16 | .42                |
| <a href="#">807-020CSR</a> | 2     | 1-13/32 | 1- 1/2  | 2-15/16 | 2-17/32 | 3       | 3-1/32  | .87                |
| <a href="#">807-030CSR</a> | 3     | 1-13/16 | 2- 7/32 | 3-23/32 | 3- 9/16 | 4- 9/32 | 4- 9/32 | 1.98               |
| <a href="#">807-040CSR</a> | 4     | 2- 9/32 | 2-25/32 | 4- 9/16 | 4- 7/32 | 5- 1/4  | 5- 1/4  | 3.03               |

**90° EII - Brass Transition**

Socket x Fipt With Brass Thread Insert



| Part Number                | Size | G     | G1     | H       | H1      | M       | M1      | Approx. Wt. (Lbs.) |
|----------------------------|------|-------|--------|---------|---------|---------|---------|--------------------|
| <a href="#">807-005CBR</a> | 1/2  | 13/32 | 31/32  | 1- 9/32 | 1-17/32 | 1- 5/32 | 1- 3/16 | .14                |
| <a href="#">807-007CBR</a> | 3/4  | 17/32 | 1-1/16 | 1-17/32 | 1-11/16 | 1- 3/8  | 1- 3/8  | .21                |

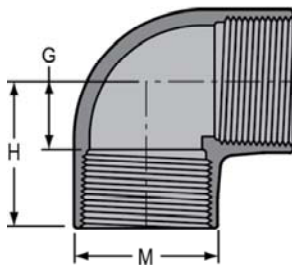
**Not intended to convey or dispense water for human consumption through drinking or cooking**



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### 90° EII

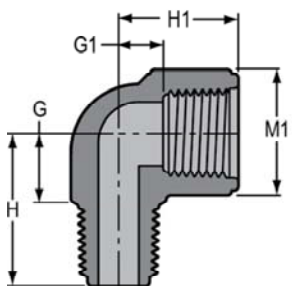
Fipt x Fipt



| Part Number | Size  | G       | H       | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|--------------------|
| 808-002C    | 1/4   | 11/32   | 15/16   | 7/8     | .03                |
| 808-003C    | 3/8   | 9/16    | 1- 5/32 | 15/16   | .05                |
| 808-005C    | 1/2   | 1/2     | 1- 7/32 | 1- 9/32 | .08                |
| 808-007C    | 3/4   | 5/8     | 1- 3/8  | 1- 3/8  | .12                |
| 808-010C    | 1     | 11/16   | 1-9/16  | 1-23/32 | .21                |
| 808-012C    | 1-1/4 | 1       | 1-15/16 | 2- 1/16 | .31                |
| 808-015C    | 1-1/2 | 1       | 2- 3/32 | 2- 7/16 | .47                |
| 808-020C    | 2     | 1-17/32 | 2-17/32 | 3       | .92                |
| 808-025C    | 2-1/2 | 1-9/16  | 3-1/8   | 3-1/2   | 1.25               |
| 808-030C    | 3     | 1-7/8   | 3-1/2   | 4-9/32  | 2.37               |
| 808-040C    | 4     | 2-11/16 | 4-3/16  | 5-1/4   | 3.15               |

### 90° Street EII

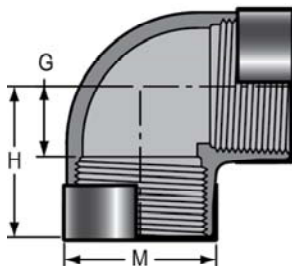
Mipt x Fipt



| Part Number | Size | G       | G1    | H       | H1      | M1      | Approx. Wt. (Lbs.) |
|-------------|------|---------|-------|---------|---------|---------|--------------------|
| 812-002C    | 1/4  | 9/16    | 1/4   | 1-1/16  | 27/32   | 13/16   | .02                |
| 812-005C    | 1/2  | 23/32   | 13/32 | 1-11/32 | 1-1/8   | 1-3/16  | .06                |
| 812-007C    | 3/4  | 7/8     | 17/32 | 1-1/2   | 1-1/4   | 1-7/16  | .09                |
| 812-010C    | 1    | 1- 1/32 | 21/32 | 1-13/16 | 1- 9/16 | 1-23/32 | .16                |

### 90° EII - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



| Part Number | Size | G    | H       | M       | Approx. Wt. (Lbs.) |
|-------------|------|------|---------|---------|--------------------|
| 808-003CSR  | 3/8  | 9/16 | 1-5/32  | 31/32   | .07                |
| 808-005CSR  | 1/2  | 1/2  | 1- 7/32 | 1- 3/16 | .10                |
| 808-007CSR  | 3/4  | 5/8  | 1- 3/8  | 1- 3/8  | .14                |

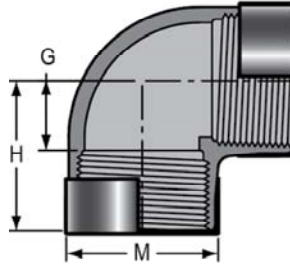
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**90° EII - Special Reinforced**

SR Fipt x SR Fipt - Stainless Steel Collar

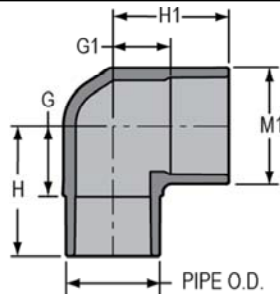
(Continued)



| Part Number | Size  | G       | H       | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|--------------------|
| 808-010CSR  | 1     | 25/32   | 1-11/16 | 1-23/32 | .24                |
| 808-012CSR  | 1-1/4 | 15/16   | 1- 7/8  | 2- 1/16 | .36                |
| 808-015CSR  | 1-1/2 | 1- 1/32 | 2- 1/8  | 2- 7/16 | .52                |
| 808-020CSR  | 2     | 1-19/32 | 2- 1/2  | 3       | .96                |

**90° Street EII**

Spigot x Socket



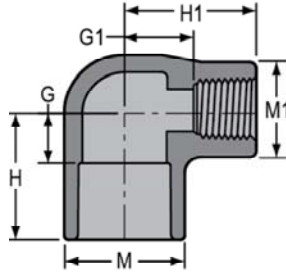
| Part Number           | Size  | G       | G1       | H       | H1      | M1       | Approx. Wt. (Lbs.) |
|-----------------------|-------|---------|----------|---------|---------|----------|--------------------|
| 809-005C              | 1/2   | 25/32   | 19/32    | 1-11/16 | 1-15/32 | 1-3/16   | .07                |
| 809-007C              | 3/4   | 29/32   | 11/16    | 1-15/16 | 1-11/16 | 1-13/32  | .11                |
| 809-010C              | 1     | 1-3/32  | 27/32    | 2- 7/32 | 2       | 1-23/32  | .20                |
| 809-012C              | 1-1/4 | 1-5/16  | 1-1/32   | 2-9/16  | 2-9/32  | 2- 3/32  | .31                |
| 809-015C              | 1-1/2 | 1- 7/16 | 1- 3/16  | 2-13/16 | 2- 9/16 | 2- 3/8   | .42                |
| 809-020C              | 2     | 1- 3/4  | 1- 7/16  | 3- 1/4  | 2-31/32 | 2- 7/8   | .64                |
| 809-025C <sup>1</sup> | 2-1/2 | 3-3/8   | 1-1/2    | 5-1/4   | 3- 3/8  | 3-1/2    | 1.41               |
| 809-030C              | 3     | 2- 3/8  | 1-13/16  | 4- 1/4  | 3-11/16 | 4- 3/16  | 1.70               |
| 809-040C              | 4     | 3-1/32  | 2-9/32   | 5-9/32  | 4-9/16  | 5- 1/4   | 2.94               |
| 809-060C <sup>1</sup> | 6     | 5-13/16 | 3-13/16  | 8-13/16 | 6-13/16 | 7- 9/16  | 9.27               |
| 809-080C <sup>1</sup> | 8     | 7-1/8   | 5        | 11-1/8  | 8-7/8   | 9- 3/4   | 17.33              |
| 809-100C <sup>1</sup> | 10    | 8-7/8   | 5-7/8    | 13-7/8  | 10-7/8  | 12- 1/16 | 34.95              |
| 809-100CF*            | 10    | 14-5/16 | 11-13/16 | 20-5/16 | 17-1/16 | 11-15/16 | 42.52              |
| 809-120C <sup>1</sup> | 12    | 11      | 7        | 17      | 13      | 14-5/16  | 57.29              |
| 809-120CF*            | 12    | 16-5/8  | 13-5/8   | 23-5/8  | 19-7/8  | 14-1/8   | 74.92              |
| 809-140C <sup>1</sup> | 14    | 11-1/2  | 7-1/2    | 18-1/2  | 14-1/2  | 15-9/16  | 70.92              |
| 809-140CF*            | 14    | 19-1/2  | 16       | 27-1/2  | 23      | 15-1/2   | 112.42             |
| 809-160CF*            | 16    | 22-7/16 | 18-7/16  | 31-7/16 | 26-7/16 | 17-11/16 | 164.40             |
| 809-180CF*            | 18    | 25-3/8  | 20-7/8   | 35-3/8  | 29-7/8  | 19-7/8   | 200.00             |
| 809-200CF*            | 20    | 28-5/16 | 23-5/16  | 39-5/16 | 33-5/16 | 22-1/16  | 294.00             |
| 809-240CF*            | 24    | 34-1/4  | 28-1/4   | 47-1/4  | 40-1/4  | 26-7/16  | 546.72             |



Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

**90° EII - Reducing**

Socket x Fipt



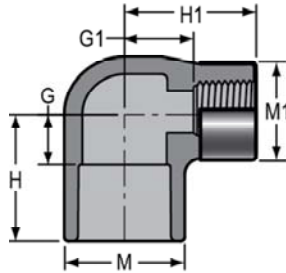
| Part Number           | Size    | G   | G1      | H     | H1      | M       | M1      | Approx. Wt. (Lbs.) |
|-----------------------|---------|-----|---------|-------|---------|---------|---------|--------------------|
| 807-101C              | 3/4X1/2 | 1/2 | 13/16   | 1-1/2 | 1-17/32 | 1-13/32 | 1- 3/16 | .11                |
| 807-130C <sup>1</sup> | 1X1/2   | 7/8 | 1-15/32 | 2     | 2-3/16  | 1-23/32 | 1-23/32 | .26                |
| 807-131C <sup>1</sup> | 1X3/4   | 7/8 | 1-17/32 | 2     | 2- 1/4  | 1-23/32 | 1-23/32 | .15                |

<sup>1</sup> Sized with Bushing



**90° EII - Special Reinforced Reducing**

Socket x SR Fipt - Stainless Steel Collar



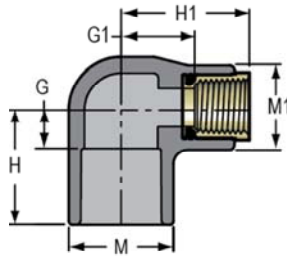
| Part Number | Size    | G    | G1    | H       | H1      | M       | M1      | Approx. Wt. (Lbs.) |
|-------------|---------|------|-------|---------|---------|---------|---------|--------------------|
| 807-101CSR  | 3/4X1/2 | 1/2  | 13/16 | 1-17/32 | 1-17/32 | 1-13/32 | 1- 3/16 | .11                |
| 807-130CSR  | 1X1/2   | 9/16 | 1     | 1-23/32 | 1- 5/8  | 1-23/32 | 1- 3/16 | .13                |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**90° EII - Brass Transition  
Reducing**

Socket x Fipt With Brass Thread Insert

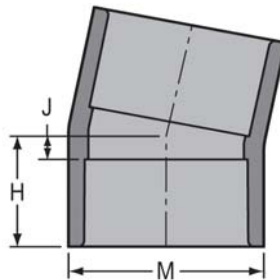


| Part Number | Size    | G   | G1     | H      | H1     | M       | M1      | Approx. Wt. (Lbs.) |
|-------------|---------|-----|--------|--------|--------|---------|---------|--------------------|
| 807-101CBR  | 3/4X1/2 | 1/2 | 1-3/32 | 1- 1/2 | 1- 5/8 | 1-13/32 | 1- 3/16 | .17                |

Not intended to convey or dispense water for human consumption through drinking or cooking

**11-1/4° EII**

Socket x Socket



| Part Number | Size  | H        | J       | M        | Approx. Wt. (Lbs.) |
|-------------|-------|----------|---------|----------|--------------------|
| 811-005CF*  | 1/2   | 1-5/16   | 5/16    | 1-1/8    | .06                |
| 811-007CF*  | 3/4   | 1-5/16   | 5/16    | 1-3/8    | .08                |
| 811-010CF*  | 1     | 1-9/16   | 5/16    | 1-11/16  | .14                |
| 811-012CF*  | 1-1/4 | 2        | 1/2     | 2-1/16   | .25                |
| 811-015C    | 1-1/2 | 1-19/32  | 7/32    | 2- 3/8   | .25                |
| 811-020C    | 2     | 1-23/32  | 7/32    | 2-27/32  | .35                |
| 811-025CF*  | 2-1/2 | 2-11/16  | 11/16   | 3- 7/16  | .88                |
| 811-030C    | 3     | 2- 3/16  | 5/16    | 4-5/32   | .91                |
| 811-040C    | 4     | 2-21/32  | 3/8     | 5- 1/4   | 1.58               |
| 811-050CF*  | 5     | 3-13/16  | 13/16   | 6-5/16   | 3.41               |
| 811-060CF*  | 6     | 4- 1/4   | 1       | 7- 1/2   | 4.68               |
| 811-080CF*  | 8     | 5- 3/8   | 1- 1/8  | 9- 5/8   | 8.72               |
| 811-100CF*  | 10    | 6-11/16  | 1- 7/16 | 11-15/16 | 15.81              |
| 811-120CF*  | 12    | 7-13/16  | 1- 9/16 | 14- 1/8  | 26.65              |
| 811-140CF*  | 14    | 9        | 2       | 15- 1/2  | 35.90              |
| 811-160CF*  | 16    | 10- 3/8  | 2- 3/8  | 17-11/16 | 55.59              |
| 811-180CF*  | 18    | 11- 3/4  | 2- 3/4  | 19- 7/8  | 83.44              |
| 811-200CF*  | 20    | 13-1/8   | 3-1/8   | 22-1/16  | 99.90              |
| 811-240CF*  | 24    | 15-13/16 | 3-13/16 | 26-7/16  | 196.95             |

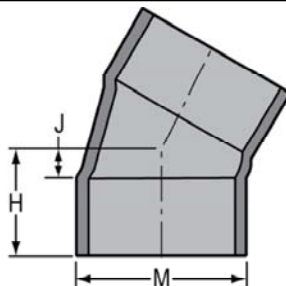
\* Fabricated



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### 30° EII

Socket x Socket

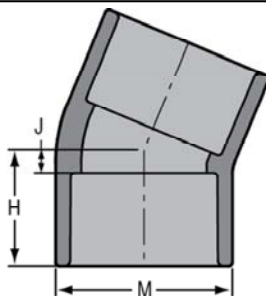


| Part Number | Size  | H        | J       | M        | Approx. Wt. (Lbs.) |
|-------------|-------|----------|---------|----------|--------------------|
| 815-005CF*  | 1/2   | 1- 7/16  | 7/16    | 1- 1/8   | .06                |
| 815-007CF*  | 3/4   | 1- 7/16  | 7/16    | 1- 3/8   | .11                |
| 815-010CF*  | 1     | 1- 3/4   | 1/2     | 1-11/16  | .15                |
| 815-012CF*  | 1-1/4 | 2- 3/16  | 11/16   | 2- 1/16  | .24                |
| 815-015CF*  | 1-1/2 | 2- 3/16  | 11/16   | 2- 5/16  | .37                |
| 815-020CF*  | 2     | 2- 1/2   | 3/4     | 2-13/16  | .55                |
| 815-025CF*  | 2-1/2 | 3        | 1       | 3- 7/16  | .92                |
| 815-030CF*  | 3     | 3- 5/16  | 1- 1/16 | 4- 1/8   | 1.43               |
| 815-040CF*  | 4     | 3- 7/16  | 1- 3/16 | 5- 3/16  | 2.15               |
| 815-050CF*  | 5     | 4-3/8    | 1-3/8   | 6-5/16   | 3.22               |
| 815-060C    | 6     | 4-13/16  | 1-13/16 | 7-5/8    | 5.89               |
| 815-080CF*  | 8     | 6- 3/16  | 1-15/16 | 9- 5/8   | 10.04              |
| 815-100CF*  | 10    | 7- 3/4   | 2- 1/2  | 11-15/16 | 17.68              |
| 815-120CF*  | 12    | 9- 1/16  | 2-13/16 | 14- 1/8  | 30.39              |
| 815-140CF*  | 14    | 10- 7/16 | 3- 7/16 | 15- 1/2  | 42.92              |
| 815-160CF*  | 16    | 11-15/16 | 3-15/16 | 17-11/16 | 64.23              |
| 815-180CF*  | 18    | 13-1/2   | 4-1/2   | 19- 7/8  | 92.38              |
| 815-200CF*  | 20    | 15       | 5       | 22-1/16  | 109.88             |
| 815-240CF*  | 24    | 18-1/8   | 6-1/8   | 26-7/16  | 185.25             |

\* Fabricated

### 22-1/2° EII

Socket x Socket



| Part Number | Size  | H       | J     | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|-------|---------|--------------------|
| 816-005C    | 1/2   | 1- 1/16 | 3/16  | 1- 5/32 | .06                |
| 816-007C    | 3/4   | 1- 3/16 | 7/32  | 1-13/32 | .08                |
| 816-010C    | 1     | 1-11/32 | 7/32  | 1-23/32 | .14                |
| 816-010CF*  | 1     | 1-11/16 | 7/16  | 1-11/16 | .18                |
| 816-012C    | 1-1/4 | 1- 1/2  | 1/4   | 2- 3/32 | .20                |
| 816-015C    | 1-1/2 | 1-21/32 | 9/32  | 2-11/32 | .27                |
| 816-015CF*  | 1-1/2 | 2-1/8   | 5/8   | 2-5/16  | .31                |
| 816-020C    | 2     | 1- 7/8  | 3/8   | 2-27/32 | .43                |
| 816-025C    | 2-1/2 | 2- 7/32 | 15/32 | 3- 1/2  | .72                |

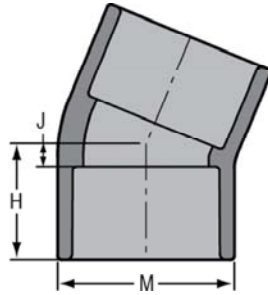
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**22-1/2° EII**

Socket x Socket

(Continued)

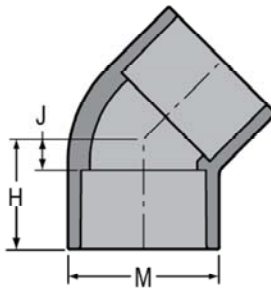


| Part Number | Size  | H        | J       | M        | Approx. Wt. (Lbs.) |
|-------------|-------|----------|---------|----------|--------------------|
| 816-025CF*  | 2-1/2 | 2- 7/8   | 7/8     | 3- 7/16  | .81                |
| 816-030C    | 3     | 2-3/8    | 1/2     | 4- 5/32  | 1.00               |
| 816-040C    | 4     | 2- 7/8   | 5/8     | 5- 1/4   | 1.71               |
| 816-050CF*  | 5     | 4-1/8    | 1-1/8   | 6-5/16   | 3.22               |
| 816-060C    | 6     | 3-15/16  | 7/8     | 7- 9/16  | 4.59               |
| 816-060CF*  | 6     | 4- 5/8   | 1- 3/8  | 7- 1/2   | 5.16               |
| 816-080C    | 8     | 5- 1/16  | 1- 1/32 | 9- 3/4   | 8.59               |
| 816-080CF*  | 8     | 5- 7/8   | 1- 5/8  | 9- 5/8   | 9.36               |
| 816-100CF*  | 10    | 7- 5/16  | 2- 1/16 | 11-15/16 | 17.59              |
| 816-120CF*  | 12    | 8- 9/16  | 2- 5/16 | 14- 1/8  | 29.69              |
| 816-140CF*  | 14    | 9-13/16  | 2-13/16 | 15- 1/2  | 37.75              |
| 816-160CF*  | 16    | 11- 5/16 | 3- 5/16 | 17-11/16 | 57.95              |
| 816-180CF*  | 18    | 12- 3/4  | 3- 3/4  | 19- 7/8  | 86.42              |
| 816-200CF*  | 20    | 14-1/4   | 4-1/4   | 22-1/16  | 103.22             |
| 816-240CF*  | 24    | 17-3/16  | 5-3/16  | 26-7/16  | 205.70             |

\* Fabricated

**45° EII**

Socket x Socket



| Part Number | Size  | H       | J      | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|--------|---------|--------------------|
| 817-002C    | 1/4   | 13/16   | 5/32   | 27/32   | .02                |
| 817-003C    | 3/8   | 15/16   | 3/16   | 1       | .03                |
| 817-005C    | 1/2   | 1-1/8   | 1/4    | 1-3/16  | .06                |
| 817-007C    | 3/4   | 1-5/16  | 5/16   | 1-7/16  | .09                |
| 817-010C    | 1     | 1-7/16  | 5/16   | 1-23/32 | .16                |
| 817-012C    | 1-1/4 | 1-5/8   | 3/8    | 2-1/8   | .22                |
| 817-015C    | 1-1/2 | 1-13/16 | 7/16   | 2-3/8   | .29                |
| 817-020C    | 2     | 2-1/8   | 5/8    | 2-7/8   | .47                |
| 817-025C    | 2-1/2 | 2-7/16  | 11/16  | 3-1/2   | .82                |
| 817-030C    | 3     | 2-25/32 | 29/32  | 4-1/8   | 1.21               |
| 817-040C    | 4     | 3-5/16  | 1-1/16 | 5-1/4   | 2.14               |
| 817-050C    | 5     | 4       | 1-3/8  | 6-13/32 | 3.30               |
| 817-050CF*  | 5     | 4-7/8   | 1-7/8  | 6-5/16  | 3.85               |
| 817-060C    | 6     | 4-3/4   | 1-3/4  | 7-9/16  | 5.58               |

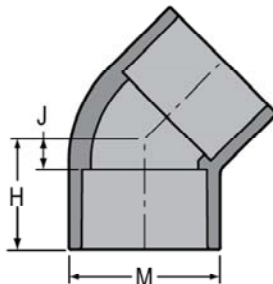


Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

**45° EII**

Socket x Socket

(Continued)

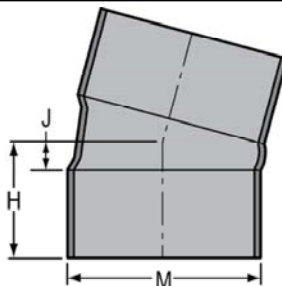


| Part Number | Size | H        | J       | M        | Approx. Wt. (Lbs.) |
|-------------|------|----------|---------|----------|--------------------|
| 817-080C    | 8    | 6        | 2       | 9-3/4    | 10.64              |
| 817-100C    | 10   | 7-5/8    | 2-19/32 | 12-1/8   | 20.08              |
| 817-100CF*  | 10   | 8-11/16  | 3- 7/16 | 11-15/16 | 19.37              |
| 817-120C    | 12   | 9-3/16   | 3-1/8   | 14-9/32  | 32.86              |
| 817-120CF*  | 12   | 10- 1/8  | 3- 7/8  | 14- 1/8  | 32.40              |
| 817-140C    | 14   | 10-11/32 | 3- 5/16 | 15- 5/8  | 43.00              |
| 817-140CF*  | 14   | 11- 9/16 | 4- 9/16 | 15- 1/2  | 41.37              |
| 817-160CF*  | 16   | 13- 5/16 | 5- 5/16 | 17-11/16 | 64.66              |
| 817-180CF*  | 18   | 15       | 6       | 19- 7/8  | 88.48              |
| 817-200CF*  | 20   | 16- 3/4  | 6- 3/4  | 22- 1/16 | 124.66             |
| 817-240CF*  | 24   | 20- 3/16 | 8- 3/16 | 26- 7/16 | 207.66             |

\* Fabricated

**15° EII**

Socket x Socket



| Part Number | Size  | H        | J       | M        | Approx. Wt. (Lbs.) |
|-------------|-------|----------|---------|----------|--------------------|
| 818-005CF*  | 1/2   | 1-5/16   | 5/16    | 1-1/8    | .13                |
| 818-007CF*  | 3/4   | 1-5/16   | 5/16    | 1-3/8    | .08                |
| 818-010CF*  | 1     | 1-5/8    | 3/8     | 1-11/16  | .15                |
| 818-012CF*  | 1-1/4 | 2        | 1/2     | 2-1/16   | .25                |
| 818-015CF*  | 1-1/2 | 2        | 1/2     | 2-5/16   | .26                |
| 818-020CF*  | 2     | 2- 5/16  | 9/16    | 2-13/16  | .48                |
| 818-025CF*  | 2-1/2 | 2- 3/4   | 3/4     | 3- 7/16  | .88                |
| 818-030CF*  | 3     | 3        | 3/4     | 4- 1/8   | 1.25               |
| 818-040CF*  | 4     | 3- 1/8   | 7/8     | 5- 3/16  | 1.79               |
| 818-050CF*  | 5     | 3-15/16  | 15/16   | 6-5/16   | 3.08               |
| 818-060CF*  | 6     | 4- 3/8   | 1- 1/8  | 7- 1/2   | 4.77               |
| 818-080CF*  | 8     | 5-1/2    | 1- 1/4  | 9- 5/8   | 8.81               |
| 818-100CF*  | 10    | 6-15/16  | 1-11/16 | 11-15/16 | 17.29              |
| 818-120CF*  | 12    | 8- 1/16  | 1-13/16 | 14- 1/8  | 27.73              |
| 818-140CF*  | 14    | 9- 5/16  | 2- 5/16 | 15- 1/2  | 40.74              |
| 818-160CF*  | 16    | 10-11/16 | 2-11/16 | 17-11/16 | 59.47              |

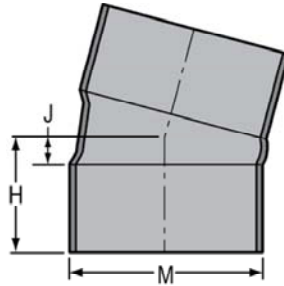
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**15° EII**

Socket x Socket

(Continued)

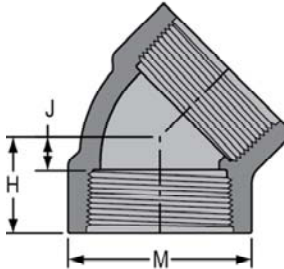


| Part Number | Size | H        | J       | M       | Approx. Wt. (Lbs.) |
|-------------|------|----------|---------|---------|--------------------|
| 818-180CF*  | 18   | 12- 1/16 | 3- 1/16 | 19- 7/8 | 83.44              |
| 818-200CF*  | 20   | 13-1/2   | 3-1/2   | 22-1/16 | 99.90              |
| 818-240CF*  | 24   | 16-1/4   | 4-1/4   | 26-7/16 | 202.28             |

\* Fabricated

**45° EII**

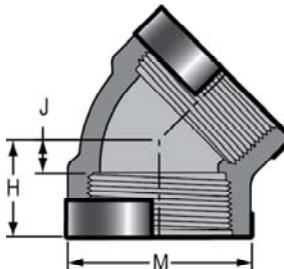
Fipt x Fipt



| Part Number | Size  | H       | J      | M       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|--------|---------|--------------------|
| 819-002C    | 1/4   | 3/4     | 5/32   | 27/32   | .03                |
| 819-003C    | 3/8   | 25/32   | 3/16   | 1       | .03                |
| 819-005C    | 1/2   | 31/32   | 1/4    | 1- 3/16 | .07                |
| 819-007C    | 3/4   | 1-1/32  | 5/16   | 1- 3/8  | .07                |
| 819-010C    | 1     | 1- 7/32 | 5/16   | 1-11/16 | .14                |
| 819-012C    | 1-1/4 | 1-3/8   | 3/8    | 2- 3/16 | .25                |
| 819-015C    | 1-1/2 | 1-25/32 | 7/16   | 2- 1/2  | .32                |
| 819-020C    | 2     | 1-11/16 | 5/8    | 3       | .48                |
| 819-025C    | 2-1/2 | 2-1/16  | 1-1/16 | 3- 1/2  | 1.24               |
| 819-030C    | 3     | 2-23/32 | 1-7/32 | 4- 9/32 | 1.91               |
| 819-040C    | 4     | 3- 1/4  | 1-3/4  | 5- 1/4  | 3.33               |

**45° EII - Special Reinforced**

SR Fipt x SR Fipt - Stainless Steel Collar



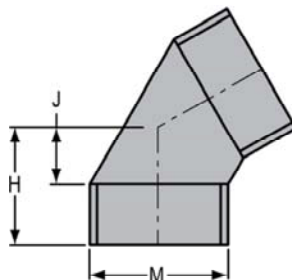
| Part Number | Size | H      | J     | M       | Approx. Wt. (Lbs.) |
|-------------|------|--------|-------|---------|--------------------|
| 819-005CSR  | 1/2  | 1      | 5/16  | 1- 3/16 | .09                |
| 819-007CSR  | 3/4  | 1- 1/8 | 13/32 | 1- 3/8  | .11                |
| 819-010CSR  | 1    | 1- 1/4 | 13/32 | 1-23/32 | .17                |



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### 60° EII

Socket x Socket

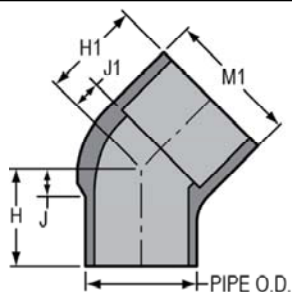


| Part Number | Size  | H        | J       | M        | Approx. Wt. (Lbs.) |
|-------------|-------|----------|---------|----------|--------------------|
| 824-005CF*  | 1/2   | 1- 5/8   | 5/8     | 1- 1/8   | .11                |
| 824-007CF*  | 3/4   | 1-11/16  | 11/16   | 1- 3/8   | .08                |
| 824-010CF*  | 1     | 2        | 3/4     | 1-11/16  | .17                |
| 824-012CF*  | 1-1/4 | 2- 1/2   | 1       | 2- 1/16  | .35                |
| 824-015CF*  | 1-1/2 | 2- 5/8   | 1- 1/8  | 2-5/16   | .36                |
| 824-020CF*  | 2     | 3        | 1- 1/4  | 2-13/16  | .59                |
| 824-025CF*  | 2-1/2 | 3- 9/16  | 1- 9/16 | 3- 7/16  | 1.04               |
| 824-030CF*  | 3     | 4        | 1- 3/4  | 4- 1/8   | 1.51               |
| 824-040CF*  | 4     | 4- 5/16  | 2- 1/16 | 5- 3/16  | 2.31               |
| 824-060CF*  | 6     | 6- 1/8   | 2- 7/8  | 7- 1/2   | 5.92               |
| 824-080CF*  | 8     | 7- 3/4   | 3- 1/2  | 9- 5/8   | 10.94              |
| 824-100CF*  | 10    | 9-11/16  | 4- 7/16 | 11-15/16 | 21.91              |
| 824-120CF*  | 12    | 11- 5/16 | 5- 1/16 | 14- 1/8  | 31.43              |
| 824-140CF*  | 14    | 12-15/16 | 5-15/16 | 15- 1/2  | 88.89              |
| 824-160CF*  | 16    | 14-13/16 | 6-13/16 | 17-11/16 | 126.08             |
| 824-180CF*  | 18    | 16- 3/4  | 7- 3/4  | 19- 7/8  | 175.81             |
| 824-200CF*  | 20    | 26-5/8   | 16-5/8  | 22-1/16  | 247.63             |
| 824-240CF*  | 24    | 32-1/8   | 20-1/8  | 26-7/16  | 415.20             |

\* Fabricated

### 45° Street EII

Spigot x Socket



| Part Number           | Size  | H       | H1      | J      | J1     | M1      | Approx. Wt. (Lbs.) |
|-----------------------|-------|---------|---------|--------|--------|---------|--------------------|
| 827-005C              | 1/2   | 1-3/8   | 1-1/8   | 15/32  | 1/4    | 1- 3/16 | .06                |
| 827-007C              | 3/4   | 1-9/16  | 1-3/8   | 17/32  | 3/8    | 1-3/8   | .09                |
| 827-010C              | 1     | 1-25/32 | 1- 1/2  | 19/32  | 11/32  | 1-23/32 | .15                |
| 827-012C              | 1-1/4 | 2       | 1-23/32 | 3/4    | 15/32  | 2- 3/32 | .24                |
| 827-015C              | 1-1/2 | 2-3/16  | 1-29/32 | 13/16  | 17/32  | 2-3/8   | .31                |
| 827-020C              | 2     | 2-7/16  | 2-1/8   | 15/16  | 5/8    | 2-7/8   | .46                |
| 827-025C <sup>1</sup> | 2-1/2 | 3-5/16  | 2-7/16  | 1-9/16 | 11/16  | 3-17/32 | 1.22               |
| 827-030C              | 3     | 3-3/16  | 2-3/4   | 1-5/16 | 7/8    | 4-3/16  | 1.25               |
| 827-040C              | 4     | 3-7/8   | 3-11/32 | 1-5/8  | 1-3/32 | 5- 1/4  | 2.19               |
| 827-050CF*            | 5     | 7-3/8   | 4-7/8   | 3-3/8  | 1-7/8  | 6-5/16  | 5.28               |

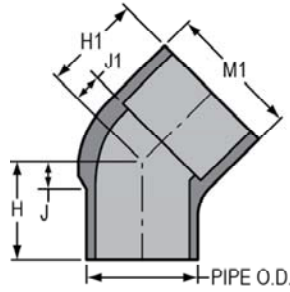
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



### 45° Street Ell

Spigot x Socket

(Continued)

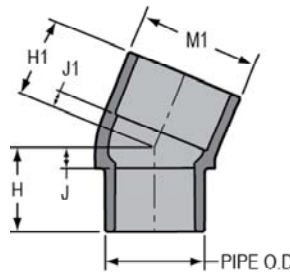


| Part Number           | Size | H        | H1      | J       | J1     | M1       | Approx. Wt. (Lbs.) |
|-----------------------|------|----------|---------|---------|--------|----------|--------------------|
| 827-060C              | 6    | 5-1/8    | 4-3/4   | 2-1/8   | 1-3/4  | 7-19/32  | 5.91               |
| 827-080C              | 8    | 6-19/32  | 6       | 2-9/16  | 2      | 9-3/4    | 11.14              |
| 827-100C <sup>1</sup> | 10   | 10-5/8   | 7-21/32 | 5-5/8   | 2-5/8  | 12       | 25.44              |
| 827-120C <sup>1</sup> | 12   | 12-13/16 | 9-5/32  | 6-13/16 | 3-3/32 | 14-13/32 | 45.35              |
| 827-140CF*            | 14   | 16-1/16  | 11-9/16 | 8-1/16  | 4-9/16 | 15-1/2   | 64.42              |
| 827-160CF*            | 16   | 18-5/16  | 13-5/16 | 9-5/16  | 5-5/16 | 17-11/16 | 90.40              |
| 827-180CF*            | 18   | 20-1/2   | 15      | 10-1/2  | 6      | 19-7/8   | 131.11             |
| 827-200CF*            | 20   | 22-3/4   | 16-3/4  | 11-3/4  | 6-3/4  | 22-1/16  | 153.18             |
| 827-240CF*            | 24   | 27-3/16  | 20-3/16 | 14-3/16 | 8-3/16 | 26-7/16  | 123.29             |

\* Fabricated

### 22-1/2° Street Ell

Spigot x Socket



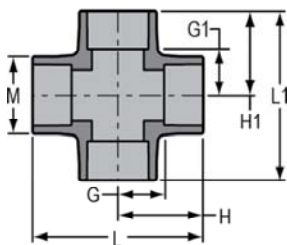
| Part Number | Size  | H       | H1      | J      | J1     | M1      | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|--------|--------|---------|--------------------|
| 842-005C    | 1/2   | 1-1/8   | 15/16   | 1/4    | 1/32   | 1-3/16  | .05                |
| 842-007C    | 3/4   | 1-5/16  | 1-1/8   | 5/16   | 1/8    | 1-3/8   | .08                |
| 842-010C    | 1     | 1-1/2   | 1-11/32 | 3/8    | 7/32   | 1-23/32 | .13                |
| 842-012C    | 1-1/4 | 1-11/16 | 1-1/2   | 7/16   | 1/4    | 2-1/16  | .20                |
| 842-015C    | 1-1/2 | 1-27/32 | 1-11/16 | 15/32  | 5/16   | 2-11/32 | .27                |
| 842-020C    | 2     | 2-1/16  | 1-7/8   | 17/32  | 3/8    | 2-7/8   | .40                |
| 842-025C    | 2-1/2 | 2-7/32  | 2-7/32  | 15/32  | 15/32  | 3-1/2   | .76                |
| 842-030C    | 3     | 2-13/32 | 2-13/32 | 1-7/32 | 17/32  | 4-5/32  | 1.00               |
| 842-040C    | 4     | 3       | 2-7/8   | 3/4    | 5/8    | 5-1/4   | 1.80               |
| 842-060C    | 6     | 5-7/8   | 3-29/32 | 2-7/8  | 7/8    | 7-9/16  | 6.65               |
| 842-080C    | 8     | 7-3/32  | 5-3/32  | 3-9/32 | 1-3/32 | 9-3/4   | 11.78              |



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Cross

Socket x Socket x Socket x Socket

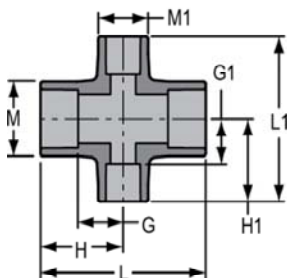


| Part Number | Size  | G       | G1      | H       | H1      | L       | L1      | M        | M1       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|---------|----------|----------|--------------------|
| 820-002C    | 1/4   | 13/32   | 13/32   | 1- 1/32 | 1- 1/32 | 2- 1/16 | 2- 1/16 | 13/16    | 13/16    | .05                |
| 820-005C    | 1/2   | 19/32   | 19/32   | 1-15/32 | 1-15/32 | 2-15/16 | 2-15/16 | 1- 3/16  | 1- 3/16  | .14                |
| 820-007C    | 3/4   | 5/8     | 5/8     | 1- 5/8  | 1- 5/8  | 3- 9/32 | 3- 9/32 | 1-13/32  | 1-13/32  | .21                |
| 820-010C    | 1     | 31/32   | 31/32   | 2- 3/32 | 2- 3/32 | 4-3/16  | 4-3/16  | 1-23/32  | 1-23/32  | .39                |
| 820-012C    | 1-1/4 | 1- 3/32 | 1- 3/32 | 2- 3/8  | 2- 3/8  | 4- 3/4  | 4- 3/4  | 2- 1/8   | 2- 1/8   | .61                |
| 820-015C    | 1-1/2 | 1- 1/4  | 1- 1/4  | 2- 5/8  | 2- 5/8  | 5- 1/4  | 5- 1/4  | 2- 3/8   | 2- 3/8   | .86                |
| 820-020C    | 2     | 1- 1/2  | 1- 1/2  | 3       | 3       | 6       | 6       | 3        | 3        | 1.40               |
| 820-025C    | 2-1/2 | 1-11/16 | 1-11/16 | 3-7/16  | 3-7/16  | 6-7/8   | 6-7/8   | 3-17/32  | 3-17/32  | 2.17               |
| 820-030C    | 3     | 2- 3/32 | 2- 3/32 | 3-31/32 | 3-31/32 | 7-15/16 | 7-15/16 | 4-11/32  | 4-11/32  | 3.39               |
| 820-040C    | 4     | 2- 5/8  | 2- 5/8  | 4- 7/8  | 4- 7/8  | 9- 3/4  | 9- 3/4  | 5-1/4    | 5-1/4    | 5.50               |
| 820-060CF*  | 6     | 6- 1/4  | 6- 1/4  | 9- 1/2  | 9- 1/2  | 19      | 19      | 7- 1/2   | 7- 1/2   | 16.93              |
| 820-080CF*  | 8     | 7- 5/8  | 7- 5/8  | 11- 7/8 | 11- 7/8 | 23- 3/4 | 23- 3/4 | 9- 5/8   | 9- 5/8   | 30.81              |
| 820-100CF*  | 10    | 9       | 9       | 14- 1/4 | 14- 1/4 | 28- 1/2 | 28- 1/2 | 11-15/16 | 11-15/16 | 68.17              |
| 820-120CF*  | 12    | 11- 1/4 | 11- 1/4 | 17- 1/2 | 17- 1/2 | 35      | 35      | 14- 1/8  | 14- 1/8  | 96.33              |
| 820-140CF*  | 14    | 12- 1/4 | 12- 1/4 | 19- 1/4 | 19- 1/4 | 38- 1/2 | 38- 1/2 | 15- 1/2  | 15- 1/2  | 127.64             |
| 820-160CF*  | 16    | 13      | 13      | 21      | 21      | 42      | 42      | 17-11/16 | 17-11/16 | 175.70             |
| 820-180CF*  | 18    | 13- 3/4 | 13- 3/4 | 22- 3/4 | 22- 3/4 | 45- 1/2 | 45- 1/2 | 19- 7/8  | 19- 7/8  | 233.48             |

\* Fabricated

### Cross - Reducing

Socket x Socket x Socket x Socket



| Part Number           | Size        | G       | G1      | H       | H1      | L       | L1      | M       | M1      | Approx. Wt. (Lbs.) |
|-----------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|
| 820-101C <sup>1</sup> | 3/4X1/2     | 5/8     | 15/16   | 1-5/8   | 1-27/32 | 3-1/4   | 3-21/32 | 1-13/32 | 1-13/32 | .26                |
| 820-130C <sup>1</sup> | 1X1/2       | 31/32   | 1-15/32 | 2-3/32  | 2-11/32 | 4-3/16  | 4-23/32 | 1-23/32 | 1-23/32 | .53                |
| 820-131C              | 1X3/4       | 23/32   | 5/8     | 1- 5/8  | 1- 5/8  | 3- 1/4  | 3- 1/4  | 1- 7/8  | 1- 1/2  | .30                |
| 820-166C <sup>1</sup> | 1-1/4X1/2   | 1- 3/32 | 1-3/4   | 2- 3/8  | 2-5/8   | 4- 3/4  | 5-1/4   | 2-1/8   | 2-1/8   | .86                |
| 820-167C              | 1-1/4X3/4   | 3/4     | 1-1/32  | 2       | 2-1/16  | 4       | 4-1/16  | 2- 1/16 | 1-3/8   | .34                |
| 820-168C <sup>1</sup> | 1-1/4X1     | 1-3/32  | 1-15/32 | 2-3/8   | 2-19/32 | 4-3/4   | 5-3/16  | 2-1/8   | 2-1/8   | .75                |
| 820-200CF*            | 20          | 16-3/8  | 16-3/8  | 26-3/8  | 26-3/8  | 52-3/4  | 52-3/4  | 22-1/6  | 22-1/16 | 249.75             |
| 820-209C <sup>1</sup> | 1-1/2X1/2   | 1-1/4   | 2-1/16  | 2-5/8   | 2-15/16 | 5- 1/4  | 5-7/8   | 2- 3/8  | 2- 3/8  | 1.16               |
| 820-210C              | 1-1/2X3/4   | 11/16   | 1- 5/32 | 2- 3/32 | 2-11/64 | 4- 3/16 | 4-11/32 | 2- 3/8  | 1-13/32 | .41                |
| 820-211C <sup>1</sup> | 1-1/2X1     | 1-1/4   | 1-5/8   | 2- 5/8  | 2-25/32 | 5-1/4   | 5-3/4   | 2-3/8   | 2-3/8   | 1.11               |
| 820-212C <sup>1</sup> | 1-1/2X1-1/4 | 1-1/4   | 1-19/32 | 2-5/8   | 2-27/32 | 5-1/4   | 5-11/16 | 2-3/8   | 2-3/8   | .99                |

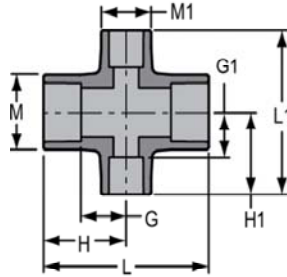
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**Cross - Reducing**

Socket x Socket x Socket x Socket

(Continued)



| Part Number            | Size        | G       | G1       | H        | H1       | L       | L1       | M        | M1       | Approx. Wt.<br>(Lbs.) |
|------------------------|-------------|---------|----------|----------|----------|---------|----------|----------|----------|-----------------------|
| 820-240CF <sup>+</sup> | 24          | 20-1/4  | 20-1/4   | 32-1/4   | 32-1/4   | 64-1/2  | 64-1/2   | 26-7/16  | 26-7/16  | 355.98                |
| 820-247C <sup>1</sup>  | 2X1/2       | 1-1/2   | 2-3/8    | 3        | 3-1/4    | 6       | 6-1/2    | 3        | 3        | 1.99                  |
| 820-248C <sup>1</sup>  | 2X3/4       | 11/16   | 1- 7/16  | 2-13/64  | 2- 7/16  | 4-13/32 | 4- 7/8   | 2-29/32  | 1-13/32  | .55                   |
| 820-249C <sup>1</sup>  | 2X1         | 1- 1/2  | 2-1/8    | 3        | 3-1/4    | 6       | 6-1/2    | 3        | 3        | 1.87                  |
| 820-250C <sup>1</sup>  | 2X1-1/4     | 1-1/2   | 1-15/16  | 3        | 3-3/16   | 6       | 6-3/8    | 3        | 3        | 1.81                  |
| 820-289C               | 2-1/2X1     | 29/32   | 1-3/4    | 2-43/64  | 2-7/8    | 5-11/32 | 5- 3/4   | 3- 1/2   | 1- 3/4   | 1.03                  |
| 820-290C <sup>1</sup>  | 2-1/2X1-1/4 | 1-11/16 | 2-9/16   | 3-7/16   | 3-13/16  | 6-7/8   | 7-5/8    | 3-17/32  | 3-17/32  | 3.09                  |
| 820-291C <sup>1</sup>  | 2-1/2X1-1/2 | 1-11/16 | 2-15/32  | 3- 7/16  | 3-27/32  | 6- 7/8  | 7-11/16  | 3-17/32  | 3-17/32  | 2.97                  |
| 820-292C <sup>1</sup>  | 2-1/2X2     | 1-11/16 | 2-3/16   | 3-7/16   | 3-23/32  | 6-7/8   | 7-7/16   | 3-17/32  | 3-17/32  | 2.76                  |
| 820-335C <sup>1</sup>  | 3X1         | 2-3/32  | 3-5/32   | 3-31/32  | 4-9/32   | 7-15/16 | 8-9/16   | 4-11/32  | 4-11/32  | 4.73                  |
| 820-336C <sup>1</sup>  | 3X1-1/4     | 2- 3/32 | 3- 1/8   | 3-31/32  | 4- 3/8   | 7-15/16 | 8- 3/4   | 4-11/32  | 4-11/32  | 4.79                  |
| 820-337C <sup>1</sup>  | 3X1-1/2     |         |          |          |          |         |          |          |          | 4.73                  |
| 820-338C <sup>1</sup>  | 3X2         | 2- 3/32 | 2-25/32  | 3-31/32  | 4- 5/16  | 7-15/16 | 8- 5/8   | 4-11/32  | 4-11/32  | 4.66                  |
| 820-339C <sup>1</sup>  | 3X2-1/2     | 2-3/32  | 2-1/2    | 3-31/32  | 4-9/32   | 7-15/16 | 8-9/16   | 4-11/32  | 4-11/32  | 4.25                  |
| 820-420C <sup>1</sup>  | 4X2         | 2- 5/8  | 3-3/4    | 4- 7/8   | 5-1/4    | 9- 3/4  | 10-1/2   | 5-1/4    | 5-1/4    | 7.70                  |
| 820-422C <sup>1</sup>  | 4X3         | 2- 5/8  | 3-5/16   | 4- 7/8   | 5-3/16   | 9- 3/4  | 10-3/8   | 5- 1/4   | 5- 1/4   | 7.21                  |
| 820-420CF <sup>+</sup> | 4X2         | 3- 7/8  | 4- 1/4   | 6- 1/8   | 6        | 12- 1/4 | 12       | 5- 3/16  | 2-13/16  | 4.14                  |
| 820-528CF <sup>+</sup> | 6X2         | 4- 5/8  | 5- 3/16  | 7- 7/8   | 6-15/16  | 15- 3/4 | 13- 7/8  | 7- 1/2   | 2-13/16  | 12.00                 |
| 820-530CF <sup>+</sup> | 6X3         | 4- 3/4  | 5- 3/4   | 8        | 8        | 16      | 16       | 7- 1/2   | 4- 1/8   | 10.24                 |
| 820-532CF <sup>+</sup> | 6X4         | 5- 1/4  | 6- 3/4   | 8- 1/2   | 9        | 17      | 18       | 7- 1/2   | 5- 3/16  | 12.14                 |
| 820-578CF <sup>+</sup> | 8X2         | 4-11/16 | 6- 1/8   | 8-15/16  | 7- 7/8   | 17- 7/8 | 15- 3/4  | 9- 5/8   | 2-13/16  | 14.84                 |
| 820-580CF <sup>+</sup> | 8X3         | 5- 3/16 | 6-11/16  | 9- 7/16  | 8-15/16  | 18- 7/8 | 17- 7/8  | 9- 5/8   | 4- 1/8   | 16.96                 |
| 820-582CF <sup>+</sup> | 8X4         | 5- 3/4  | 7-11/16  | 10       | 9-15/16  | 20      | 19- 7/8  | 9- 5/8   | 5- 3/16  | 20.46                 |
| 820-585CF <sup>+</sup> | 8X6         | 6- 3/4  | 8- 1/16  | 11       | 11- 5/16 | 22      | 22- 5/8  | 9- 5/8   | 7- 1/2   | 33.37                 |
| 820-621CF <sup>+</sup> | 10X2        | 4- 3/8  | 7- 1/8   | 9- 5/8   | 8- 7/8   | 19- 1/4 | 17-11/16 | 11-15/16 | 2-13/16  | 24.57                 |
| 820-623CF <sup>+</sup> | 10X3        | 4- 7/8  | 7-11/16  | 10- 1/8  | 9-15/16  | 20- 1/4 | 19-13/16 | 11-15/16 | 4- 1/8   | 28.98                 |
| 820-624CF <sup>+</sup> | 10X4        | 5- 3/8  | 8-11/16  | 10- 5/8  | 10-15/16 | 21- 1/4 | 21-13/16 | 11-15/16 | 5- 3/16  | 28.01                 |
| 820-626CF <sup>+</sup> | 10X6        | 5- 7/8  | 9- 1/16  | 11- 1/8  | 12- 5/16 | 22- 1/4 | 24- 5/8  | 11-15/16 | 7- 1/2   | 36.35                 |
| 820-628CF <sup>+</sup> | 10X8        | 8- 1/4  | 9-15/16  | 13- 1/2  | 14- 3/16 | 27      | 28- 3/8  | 11-15/16 | 9- 5/8   | 47.27                 |
| 820-661CF <sup>+</sup> | 12X2        | 4- 3/4  | 8        | 11       | 9- 3/4   | 22      | 19- 1/2  | 14- 1/8  | 2-13/16  | 35.55                 |
| 820-663CF <sup>+</sup> | 12X3        | 5- 1/4  | 8- 9/16  | 11- 1/2  | 10-13/16 | 23      | 21- 5/8  | 14- 1/8  | 4- 1/8   | 45.27                 |
| 820-664CF <sup>+</sup> | 12X4        | 5- 3/4  | 9- 9/16  | 12       | 11-13/16 | 24      | 23- 5/8  | 14- 1/8  | 5- 3/16  | 42.59                 |
| 820-666CF <sup>+</sup> | 12X6        | 7- 1/4  | 9-15/16  | 13- 1/4  | 13- 3/16 | 26- 1/2 | 26- 3/8  | 14- 1/8  | 7- 1/2   | 54.26                 |
| 820-668CF <sup>+</sup> | 12X8        | 8       | 10-13/16 | 14- 1/4  | 15- 1/16 | 28- 1/2 | 30- 1/8  | 14- 1/8  | 9- 5/8   | 58.59                 |
| 820-670CF <sup>+</sup> | 12X10       | 10-1/4  | 10-13/16 | 16-1/2   | 16- 1/16 | 33      | 32- 1/8  | 14- 1/8  | 11-15/16 | 80.00                 |
| 820-691CF <sup>+</sup> | 14X2        | 5- 3/16 | 8- 9/16  | 12- 3/16 | 10- 5/16 | 24- 3/8 | 20- 5/8  | 15- 1/2  | 2-13/16  | 53.24                 |
| 820-693CF <sup>+</sup> | 14X3        | 5- 3/4  | 9- 1/8   | 12- 3/4  | 11- 3/8  | 25- 1/2 | 22- 3/4  | 15- 1/2  | 4- 1/8   | 56.21                 |
| 820-694CF <sup>+</sup> | 14X4        | 6- 1/2  | 10- 1/8  | 13- 1/2  | 12- 3/8  | 27      | 24- 3/4  | 15- 1/2  | 5- 3/16  | 61.76                 |
| 820-696CF <sup>+</sup> | 14X6        | 8- 1/4  | 10- 1/2  | 15- 1/4  | 13- 3/4  | 30- 1/2 | 27- 1/2  | 15- 1/2  | 7- 1/2   | 72.85                 |

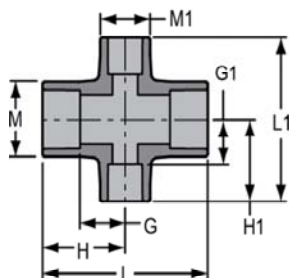


## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Cross - Reducing

Socket x Socket x Socket x Socket

(Continued)



| Part Number            | Size  | G       | G1       | H        | H1       | L       | L1      | M        | M1       | Approx. Wt. (Lbs.) |
|------------------------|-------|---------|----------|----------|----------|---------|---------|----------|----------|--------------------|
| 820-698CF <sup>*</sup> | 14X8  | 9- 1/4  | 11- 3/8  | 16- 1/4  | 15- 5/8  | 32- 1/2 | 31- 1/4 | 15- 1/2  | 9- 5/8   | 84.42              |
| 820-700CF <sup>*</sup> | 14X10 | 10- 1/8 | 11- 3/8  | 17- 1/8  | 16- 5/8  | 34- 1/4 | 33- 1/4 | 15- 1/2  | 11-15/16 | 90.19              |
| 820-702CF <sup>*</sup> | 14X12 | 11      | 11- 3/8  | 18       | 17- 5/8  | 36      | 35- 1/4 | 15- 1/2  | 14- 1/8  | 117.29             |
| 820-751CF <sup>*</sup> | 16X2  | 5- 7/8  | 9- 1/2   | 13- 7/8  | 11- 1/4  | 27- 3/4 | 22- 1/2 | 17-11/16 | 2-13/16  | 77.67              |
| 820-753CF <sup>*</sup> | 16X3  | 6- 5/16 | 10- 1/16 | 14- 5/16 | 12- 5/16 | 28- 5/8 | 24- 5/8 | 17-11/16 | 4- 1/8   | 81.65              |
| 820-754CF <sup>*</sup> | 16X4  | 6- 1/8  | 11- 1/16 | 14- 1/8  | 13- 5/16 | 28- 1/4 | 26- 5/8 | 17-11/16 | 5- 3/16  | 80.84              |
| 820-756CF <sup>*</sup> | 16X6  | 8- 5/8  | 11- 7/16 | 16- 5/8  | 14-11/16 | 33- 1/4 | 29- 3/8 | 17-11/16 | 7- 1/2   | 98.57              |
| 820-758CF <sup>*</sup> | 16X8  | 9- 5/8  | 12- 5/16 | 17- 5/8  | 16- 9/16 | 35- 1/4 | 33- 1/8 | 17-11/16 | 9- 5/8   | 111.25             |
| 820-760CF <sup>*</sup> | 16X10 | 10-5/8  | 12-5/16  | 18-5/8   | 17-9/16  | 37-1/4  | 35-1/8  | 17-11/16 | 11-15/16 | 125.38             |
| 820-762CF <sup>*</sup> | 16X12 | 11- 5/8 | 12- 5/16 | 19- 5/8  | 18- 9/16 | 39- 1/4 | 37- 1/8 | 17-11/16 | 14- 1/8  | 138.83             |
| 820-764CF <sup>*</sup> | 16X14 | 12- 3/4 | 12-11/16 | 20- 3/4  | 19-11/16 | 41- 1/2 | 39- 3/8 | 17-11/16 | 15- 1/2  | 129.51             |
| 820-781CF <sup>*</sup> | 18X2  | 5-13/16 | 10-3/8   | 14-13/16 | 12-1/8   | 29-5/8  | 24-1/4  | 19-7/8   | 2-13/16  | 98.27              |
| 820-783CF <sup>*</sup> | 18X3  | 6-3/8   | 10-15/16 | 15-3/8   | 13-3/16  | 30-3/4  | 26-3/8  | 19-7/8   | 4-1/8    | 102.29             |
| 820-784CF <sup>*</sup> | 18X4  | 6- 7/8  | 11-15/16 | 15- 7/8  | 14- 3/16 | 31- 3/4 | 28- 3/8 | 19- 7/8  | 5- 3/16  | 106.93             |
| 820-786CF <sup>*</sup> | 18X6  | 8- 1/2  | 12- 5/16 | 17- 1/2  | 15- 9/16 | 35      | 31- 1/8 | 19- 7/8  | 7- 1/2   | 121.05             |
| 820-788CF <sup>*</sup> | 18X8  | 9- 1/2  | 13- 3/16 | 18- 1/2  | 17- 7/16 | 37      | 34- 7/8 | 19- 7/8  | 9- 5/8   | 133.90             |
| 820-790CF <sup>*</sup> | 18X10 | 10- 1/2 | 13- 3/16 | 19- 1/2  | 18- 7/16 | 39      | 36- 7/8 | 19- 7/8  | 11-15/16 | 149.71             |
| 820-792CF <sup>*</sup> | 18X12 | 11- 1/2 | 13- 3/16 | 20- 1/2  | 19- 7/16 | 41      | 38- 7/8 | 19- 7/8  | 14- 1/8  | .00                |
| 820-794CF <sup>*</sup> | 18X14 | 12- 3/4 | 13- 9/16 | 21- 3/4  | 20- 9/16 | 43- 1/2 | 41- 1/8 | 19-7/8   | 15- 1/2  | 165.77             |
| 820-796CF <sup>*</sup> | 18X16 | 13- 1/2 | 14- 3/16 | 22- 1/2  | 22- 3/16 | 45      | 44- 3/8 | 19-7/8   | 17-11/16 | 172.46             |
| 820-814CF <sup>*</sup> | 20X4  | 7-11/16 | 12-7/8   | 17-11/16 | 15-1/8   | 35-3/8  | 30-1/4  | 22-1/16  | 5-3/16   | 148.90             |
| 820-816CF <sup>*</sup> | 20X6  | 8-7/8   | 13-1/4   | 18-7/8   | 16-1/2   | 37-3/4  | 33      | 22-1/16  | 7-1/2    | 165.15             |
| 820-818CF <sup>*</sup> | 20X8  | 9-7/8   | 14-1/8   | 19-7/8   | 18-3/8   | 39-3/4  | 36-3/4  | 22-1/16  | 9-5/8    | 180.23             |
| 820-820CF <sup>*</sup> | 20X10 | 10-7/8  | 14-1/8   | 20-7/8   | 19-3/8   | 41-3/4  | 38-3/4  | 22-1/16  | 11-15/16 | 197.78             |
| 820-822CF <sup>*</sup> | 20X12 | 11-7/8  | 14-1/8   | 21-7/8   | 20-3/8   | 43-3/4  | 40-3/4  | 22-1/16  | 14-1/8   | 217.92             |
| 820-824CF <sup>*</sup> | 20X14 | 12-7/8  | 14-1/2   | 22-7/8   | 21-1/2   | 45-3/4  | 43      | 22-1/16  | 15-1/2   | 190.94             |
| 820-826CF <sup>*</sup> | 20X16 | 14      | 15-1/8   | 24       | 23-1/8   | 48      | 46-1/4  | 22-1/16  | 17-11/16 | 210.27             |
| 820-828CF <sup>*</sup> | 20X18 | 15      | 15       | 25       | 24       | 50      | 48      | 22-1/16  | 19-7/8   | 226.80             |
| 820-904CF <sup>*</sup> | 24X4  | 9       | 14-11/16 | 21       | 16-15/16 | 42      | 33-7/8  | 26-7/16  | 5-3/16   | 252.62             |
| 820-906CF <sup>*</sup> | 24X6  | 9-1/4   | 15-1/16  | 21-1/4   | 18-5/16  | 42-1/2  | 36-5/8  | 26-7/16  | 7-1/2    | 257.40             |
| 820-908CF <sup>*</sup> | 24X8  | 10-1/4  | 15-15/16 | 22-1/4   | 20-3/16  | 44-1/2  | 40-3/8  | 26-7/16  | 9-5/8    | 275.67             |
| 820-910CF <sup>*</sup> | 24X10 | 11-1/4  | 15-15/16 | 23-1/4   | 21-3/16  | 46-1/2  | 42-3/8  | 26-7/16  | 11-15/16 | 296.39             |
| 820-912CF <sup>*</sup> | 24X12 | 12-1/4  | 15-15/16 | 24-1/4   | 22-3/16  | 48-1/2  | 44-3/8  | 26-7/16  | 14-1/8   | 325.12             |
| 820-914CF <sup>*</sup> | 24X14 | 13-1/4  | 16-5/16  | 25-1/4   | 23-5/16  | 50-1/2  | 46-5/8  | 26-7/16  | 15-1/2   | 282.42             |
| 820-916CF <sup>*</sup> | 24X16 | 14-3/4  | 16-15/16 | 26-3/4   | 24-15/16 | 53-1/2  | 49-7/8  | 26-7/16  | 17-11/16 | 306.44             |
| 820-918CF <sup>*</sup> | 24X18 | 15-3/4  | 16-3/16  | 27-3/4   | 25-13/16 | 55-1/2  | 51-5/8  | 26-7/16  | 19-7/8   | 246.78             |
| 820-920CF <sup>*</sup> | 24X20 | 16-3/4  | 18-3/8   | 28-3/4   | 28-3/16  | 57-1/2  | 56-3/8  | 26-7/16  | 22-1/16  | 351.59             |

<sup>1</sup> Sized with Bushing

\* Fabricated

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



## Repair Coupling - Fabricated

Gasket x Gasket

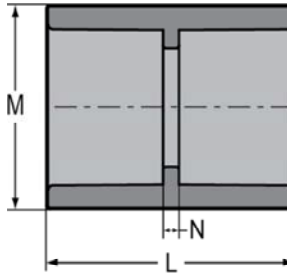


| Part Number | Size | L       | L1      | M        | M1       | Approx. Wt. (Lbs.) |
|-------------|------|---------|---------|----------|----------|--------------------|
| 828-020CF*  | 2    | 9- 1/8  | 6       | 2-13/16  | 3- 3/16  | 1.00               |
| 828-030CF*  | 3    | 15- 1/2 | 11- 3/4 | 4- 1/8   | 4- 5/8   | 3.38               |
| 828-040CF*  | 4    | 19- 1/2 | 15      | 5- 3/16  | 5- 3/4   | 6.53               |
| 828-060CF*  | 6    | 23      | 18-1/4  | 7- 1/2   | 8- 1/8   | 13.41              |
| 828-080CF*  | 8    | 26-1/8  | 19      | 9- 5/8   | 10- 3/8  | 23.42              |
| 828-100CF*  | 10   | 28      | 21-1/4  | 11-15/16 | 13-1/8   | 37.92              |
| 828-120CF*  | 12   | 29      | 21-3/8  | 14- 1/8  | 15-3/8   | 53.28              |
| 828-140CF*  | 14   | 30      | 21      | 15- 1/2  | 17-1/4   | 68.61              |
| 828-160CF*  | 16   | 31      | 22-1/4  | 17-11/16 | 18-7/8   | 88.02              |
| 828-180CF*  | 18   | 32      | 22-5/8  | 19-7/8   | 21-7/8   | 112.44             |
| 828-200CF*  | 20   | 32      | 23-1/2  | 22-1/16  | 24-1/16  | 160.38             |
| 828-240CF*  | 24   | 32      | 23-1/2  | 22-7/16  | 24-13/16 | 236.00             |

\* Fabricated

## Coupling

Socket x Socket



| Part Number | Size  | L        | M        | N    | Approx. Wt. (Lbs.) |
|-------------|-------|----------|----------|------|--------------------|
| 829-002C    | 1/4   | 1- 3/8   | 27/32    | 3/32 | .02                |
| 829-003C    | 3/8   | 1-5/8    | 1        | 3/32 | .03                |
| 829-005C    | 1/2   | 1- 7/8   | 1-9/32   | 1/8  | .07                |
| 829-007C    | 3/4   | 2-5/32   | 1-1/2    | 1/8  | .10                |
| 829-010C    | 1     | 2-13/32  | 1-23/32  | 1/8  | .12                |
| 829-012C    | 1-1/4 | 2-11/16  | 2-7/32   | 5/32 | .17                |
| 829-015C    | 1-1/2 | 2- 7/8   | 2-11/32  | 3/32 | .22                |
| 829-020C    | 2     | 3- 1/8   | 2-7/8    | 3/32 | .32                |
| 829-025C    | 2-1/2 | 3-23/32  | 3-1/2    | 7/32 | .58                |
| 829-030C    | 3     | 3-31/32  | 4-3/16   | 3/16 | .81                |
| 829-040C    | 4     | 4-13/16  | 5-1/4    | 1/4  | 1.36               |
| 829-050C    | 5     | 5-15/32  | 6- 3/8   | 7/32 | 2.18               |
| 829-050CF*  | 5     | 8        | 6-5/16   | 2    | 3.41               |
| 829-060C    | 6     | 6-5/16   | 7-21/32  | 9/32 | 3.53               |
| 829-080C    | 8     | 8-9/32   | 9-3/4    | 9/32 | 6.77               |
| 829-100C    | 10    | 10- 9/32 | 12- 1/16 | 1/4  | 12.63              |

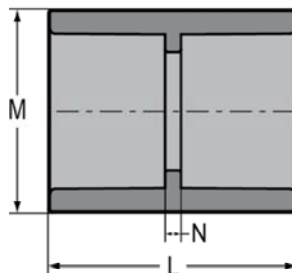


## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Coupling

Socket x Socket

(Continued)

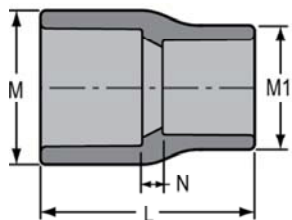


| Part Number | Size | L        | M        | N      | Approx. Wt. (Lbs.) |
|-------------|------|----------|----------|--------|--------------------|
| 829-100CF*  | 10   | 13-1/8   | 11-15/16 | 2-5/8  | 15.68              |
| 829-120C    | 12   | 12-13/32 | 14-9/32  | 3/8    | 20.05              |
| 829-120CF*  | 12   | 15-1/4   | 14-1/8   | 2-3/4  | 25.85              |
| 829-140C    | 14   | 14- 7/16 | 15- 5/8  | 3/8    | 28.10              |
| 829-140CF*  | 14   | 16       | 15- 1/2  | 2      | 33.33              |
| 829-160CF*  | 16   | 19-3/4   | 17-11/16 | 3-3/4  | 54.79              |
| 829-180CF*  | 18   | 22       | 19- 7/8  | 4      | 72.88              |
| 829-200CF*  | 20   | 25-3/4   | 22- 1/16 | 5-3/4  | 102.09             |
| 829-240CF*  | 24   | 29- 1/4  | 26- 7/16 | 5- 1/4 | 167.66             |

\* Fabricated

### Coupling - Reducer

Socket x Socket



| Part Number           | Size        | L       | M       | M1      | N       | Approx. Wt. (Lbs.) |
|-----------------------|-------------|---------|---------|---------|---------|--------------------|
| 829-101C              | 3/4X1/2     | 2- 3/32 | 1-7/16  | 1-3/16  | 7/32    | .06                |
| 829-130C              | 1X1/2       | 2- 3/16 | 1-23/32 | 1-13/32 | 3/16    | .12                |
| 829-131C              | 1X3/4       | 2-3/8   | 1-23/32 | 1-13/32 | 7/32    | .15                |
| 829-166C              | 1-1/4X1/2   | 2- 9/16 | 2- 3/32 | 1- 5/32 | 7/16    | .14                |
| 829-167C              | 1-1/4X3/4   | 2-19/32 | 2- 3/32 | 1- 5/8  | 11/32   | .17                |
| 829-168C              | 1-1/4X1     | 2-11/16 | 2-3/32  | 1-23/32 | 5/16    | .18                |
| 829-209C              | 1-1/2X1/2   | 2-27/32 | 2-11/32 | 1- 3/16 | 9/16    | .20                |
| 829-210C              | 1-1/2X3/4   | 2- 7/8  | 2-7/16  | 1-13/32 | 15/32   | .22                |
| 829-211C              | 1-1/2X1     | 2- 7/8  | 2-13/32 | 1-15/16 | 11/32   | .26                |
| 829-212C              | 1-1/2X1-1/4 | 2-13/16 | 2-13/32 | 2- 1/8  | 5/32    | .22                |
| 829-247C              | 2X1/2       | 3- 3/32 | 2- 7/8  | 1- 5/32 | 11/16   | .31                |
| 829-248C              | 2X3/4       | 3- 7/32 | 2- 7/8  | 1-7/16  | 11/16   | .32                |
| 829-249C              | 2X1         | 3-1/2   | 3       | 1-3/4   | 13/16   | .37                |
| 829-250C              | 2X1-1/4     | 3-1/4   | 2- 7/8  | 2- 3/32 | 1/2     | .33                |
| 829-251C              | 2X1-1/2     | 3- 7/32 | 2-27/32 | 2-11/32 | 1/4     | .31                |
| 829-290C <sup>1</sup> | 2-1/2X1-1/4 | 3-29/32 | 3-1/2   | 2-3/8   | 7/8     | .57                |
| 829-291C              | 2-1/2X1-1/2 | 3- 3/4  | 3- 1/2  | 2- 3/8  | 19/32   | .50                |
| 829-292C              | 2-1/2X2     | 3-21/32 | 3-1/2   | 2-7/8   | 3/8     | .51                |
| 829-335C <sup>1</sup> | 3X1         | 4-1/4   | 4-3/16  | 2-29/32 | 1-7/32  | 1.01               |
| 829-336C <sup>1</sup> | 3X1-1/4     | 4-3/16  | 4-3/16  | 2-29/32 | 1- 1/16 | .98                |

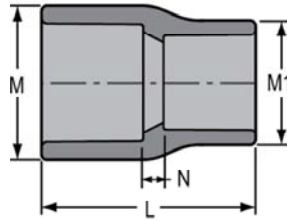
**Schedule 80 CPVC Technical**  
**Schedule 80 CPVC Fittings**



**Coupling - Reducer**

Socket x Socket

(Continued)



| Part Number           | Size    | L        | M        | M1       | N        | Approx. Wt.<br>(Lbs.) |
|-----------------------|---------|----------|----------|----------|----------|-----------------------|
| 829-337C              | 3X1-1/2 | 3- 1/2   | 4- 3/16  | 2-3/8    | 7/32     | .70                   |
| 829-338C              | 3X2     | 4        | 4- 5/32  | 2-7/8    | 19/32    | .77                   |
| 829-339C              | 3X2-1/2 | 4-1/8    | 4- 5/32  | 3- 15/32 | 1/2      | .79                   |
| 829-339CF*            | 3X2-1/2 | 6        | 4- 1/16  | 3- 7/16  | 1- 3/4   | 1.01                  |
| 829-416C <sup>1</sup> | 4X3/4   | 5-23/32  | 5- 9/32  | 2-29/32  | 2-7/16   | 1.79                  |
| 829-417C <sup>1</sup> | 4X1     | 5-25/32  | 5- 9/32  | 2-29/32  | 2-13/32  | 1.76                  |
| 829-419C <sup>1</sup> | 4X1-1/2 | 5-23/32  | 5- 9/32  | 2-29/32  | 2- 1/16  | 1.67                  |
| 829-420C              | 4X2     | 5- 1/2   | 5-5/16   | 2-29/32  | 1-23/32  | 1.52                  |
| 829-421C              | 4X2-1/2 | 4-25/32  | 5-1/4    | 3- 1/2   | 25/32    | 1.27                  |
| 829-422C              | 4X3     | 4-19/32  | 5- 1/4   | 4- 3/16  | 15/32    | 1.32                  |
| 829-488CF*            | 5X3     | 8-1/8    | 6- 1/4   | 5- 3/16  | 3-1/4    | 3.30                  |
| 829-490CF*            | 5X4     | 7- 3/4   | 6- 1/4   | 5- 3/16  | 2- 1/2   | 2.53                  |
| 829-528C <sup>1</sup> | 6X2     | 7- 1/16  | 7-19/32  | 5-9/32   | 2-1/2    | 4.55                  |
| 829-529C <sup>1</sup> | 6X2-1/2 | 6-31/32  | 7-9/16   | 5- 9/32  | 2- 3/16  | 4.71                  |
| 829-530C <sup>1</sup> | 6X3     | 7-1/16   | 7- 9/16  | 5- 9/32  | 2-5/32   | 4.30                  |
| 829-530CF*            | 6X3     | 9-1/4    | 7-5/16   | 5-3/16   | 4-1/8    | 4.33                  |
| 829-532C              | 6X4     | 6-21/32  | 7-19/32  | 5-9/32   | 1-3/8    | 3.44                  |
| 829-533CF*            | 6X5     | 8-15/16  | 7-3/8    | 6-5/16   | 2-11/16  | 3.92                  |
| 829-580CF*            | 8X3     | 15       | 9- 1/2   | 5- 3/16  | 8-7/8    | 8.74                  |
| 829-582C <sup>1</sup> | 8X4     | 8-7/8    | 9-3/4    | 5-9/32   | 2-9/16   | 6.43                  |
| 829-582CF*            | 8X4     | 14- 5/8  | 9- 1/2   | 5- 3/16  | 8- 1/8   | 7.75                  |
| 829-583CF*            | 8X5     | 14-11/16 | 9-1/2    | 6-5/16   | 7-7/16   | 8.30                  |
| 829-585C              | 8X6     | 8-1/16   | 9- 3/4   | 7-19/32  | 1        | 6.48                  |
| 829-621CF*            | 10X2    | 21- 1/2  | 11- 3/4  | 5- 3/16  | 14-3/4   | 17.04                 |
| 829-623CF*            | 10X3    | 21-1/2   | 11- 3/4  | 5- 3/16  | 14-3/8   | 17.18                 |
| 829-624CF*            | 10X4    | 21- 1/8  | 11- 3/4  | 5- 3/16  | 13- 5/8  | 16.03                 |
| 829-625CF*            | 10X5    | 21- 3/16 | 11- 3/4  | 6- 5/16  | 12-15/16 | 16.94                 |
| 829-626C              | 10X6    | 10-5/8   | 12- 1/32 | 7-19/32  | 2-5/8    | 11.46                 |
| 829-626CF*            | 10X6    | 17- 5/8  | 11- 3/4  | 7- 1/2   | 9- 1/8   | 15.00                 |
| 829-628C              | 10X8    | 10- 5/8  | 12-1/32  | 9- 3/4   | 1-5/8    | 11.62                 |
| 829-628CF*            | 10X8    | 13- 3/8  | 11- 3/4  | 9- 5/8   | 3- 7/8   | 11.31                 |
| 829-663CF*            | 12X3    | 28-3/4   | 13-15/16 | 5-3/16   | 20-5/8   | 29.95                 |
| 829-664CF*            | 12X4    | 28- 3/8  | 13-15/16 | 5- 3/16  | 19- 7/8  | 29.44                 |
| 829-665CF*            | 12X5    | 28- 7/16 | 13-15/16 | 6- 5/16  | 19- 3/16 | 30.50                 |
| 829-666CF*            | 12X6    | 24- 7/8  | 13-15/16 | 7- 1/2   | 15- 3/8  | 29.92                 |
| 829-668C              | 12X8    | 12- 5/8  | 14- 7/32 | 9- 3/4   | 2- 7/16  | 18.35                 |
| 829-668CF*            | 12X8    | 20- 5/8  | 13-15/16 | 9- 5/8   | 10- 1/8  | 27.00                 |
| 829-670CF*            | 12X10   | 16- 3/8  | 13-15/16 | 11-15/16 | 4- 7/8   | 20.77                 |
| 829-694CF*            | 14X4    | 30- 1/8  | 15- 3/16 | 5- 3/16  | 20- 7/8  | 34.71                 |
| 829-696CF*            | 14X6    | 26- 5/8  | 15- 3/16 | 7- 1/2   | 16- 3/8  | 31.45                 |
| 829-698CF*            | 14X8    | 22- 3/8  | 15- 3/16 | 9- 5/8   | 11- 1/8  | 27.68                 |

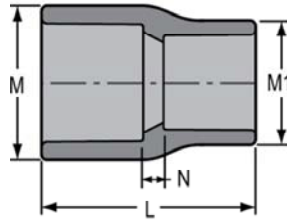


Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

**Coupling - Reducer**

(Continued)

Socket x Socket



| Part Number | Size  | L       | M        | M1       | N       | Approx. Wt.<br>(Lbs.) |
|-------------|-------|---------|----------|----------|---------|-----------------------|
| 829-700CF*  | 14X10 | 18- 1/8 | 15- 3/16 | 11-15/16 | 5- 7/8  | 25.24                 |
| 829-702CF*  | 14X12 | 17- 3/4 | 15- 3/8  | 14- 1/8  | 4- 1/2  | 29.29                 |
| 829-754CF*  | 16X4  | 38      | 17- 3/8  | 5- 3/16  | 27- 3/4 | 53.88                 |
| 829-756CF*  | 16X6  | 34- 1/2 | 17- 3/8  | 7- 1/2   | 23- 1/4 | 54.03                 |
| 829-758CF*  | 16X8  | 30- 1/4 | 17- 3/8  | 9- 5/8   | 18      | 52.64                 |
| 829-760CF*  | 16X10 | 26      | 17- 3/8  | 11-15/16 | 12- 3/4 | 45.61                 |
| 829-762CF*  | 16X12 | 20- 1/4 | 17- 3/8  | 14- 1/8  | 6       | 35.57                 |
| 829-764CF*  | 16X14 | 21- 1/4 | 17- 1/2  | 15- 1/2  | 5- 1/4  | 43.94                 |
| 829-783CF*  | 18X3  | 47-3/4  | 19-11/16 | 5-3/16   | 36-7/8  | 106.50                |
| 829-784CF*  | 18X4  | 47- 3/8 | 19-11/16 | 5- 3/16  | 36- 1/8 | 105.64                |
| 829-786CF*  | 18X6  | 43- 7/8 | 19-11/16 | 7- 1/2   | 31- 5/8 | 104.71                |
| 829-788CF*  | 18X8  | 39- 5/8 | 19-11/16 | 9- 5/8   | 26- 3/8 | 100.55                |
| 829-790CF*  | 18X10 | 35- 3/8 | 19-11/16 | 11-15/16 | 21- 1/8 | 89.53                 |
| 829-792CF*  | 18X12 | 29- 5/8 | 19-11/16 | 14- 1/8  | 14- 3/8 | 76.67                 |
| 829-794CF*  | 18X14 | 29- 5/8 | 19-11/16 | 15- 1/2  | 13- 5/8 | 86.99                 |
| 829-796CF*  | 18X16 | 23      | 19-11/16 | 17-11/16 | 6       | 63.70                 |
| 829-814CF*  | 20X4  | 58      | 21-7/8   | 5-3/16   | 45-3/4  | 160.61                |
| 829-816CF*  | 20X6  | 54-1/2  | 21-7/8   | 7-1/2    | 41-1/4  | 159.69                |
| 829-818CF*  | 20X8  | 50- 1/4 | 21- 7/8  | 9- 5/8   | 36      | 155.53                |
| 829-820CF*  | 20X10 | 46      | 21-7/8   | 11-15/16 | 30-3/4  | 143.72                |
| 829-822CF*  | 20X12 | 40-1/4  | 21-7/8   | 14-1/8   | 24      | 138.43                |
| 829-824CF*  | 20X14 | 40-1/4  | 21-7/8   | 15-1/2   | 23-1/4  | 145.49                |
| 829-826CF*  | 20X16 | 33- 5/8 | 21- 7/8  | 17-11/16 | 15- 5/8 | 112.40                |
| 829-828CF*  | 20X18 | 25- 1/2 | 21- 7/8  | 19- 7/8  | 6- 1/2  | 88.55                 |
| 829-904CF*  | 24X4  | 71-1/2  | 26-1/6   | 5-3/16   | 57-1/4  | 252.91                |
| 829-906CF*  | 24X6  | 68      | 26- 1/16 | 7- 1/2   | 52- 3/4 | 251.98                |
| 829-908CF*  | 24X8  | 63-3/4  | 26-1/16  | 9-5/8    | 47-1/2  | 247.82                |
| 829-910CF*  | 24X10 | 59-1/2  | 26-1/16  | 11-15/16 | 42-1/4  | 242.10                |
| 829-912CF*  | 24X12 | 53-3/4  | 26-1/16  | 14-1/8   | 35-1/2  | 230.72                |
| 829-914CF*  | 24X14 | 53-1/4  | 26-1/16  | 15-1/2   | 34-3/4  | 237.78                |
| 829-916CF*  | 24X16 | 47-1/8  | 26-1/16  | 17-11/16 | 27-1/8  | 214.52                |
| 829-918CF*  | 24X18 | 39      | 26- 1/16 | 19- 7/8  | 18      | 176.32                |
| 829-920CF*  | 24X20 | 30- 5/8 | 26- 1/16 | 22- 1/16 | 8- 5/8  | 128.81                |

<sup>1</sup> Sized with Bushing

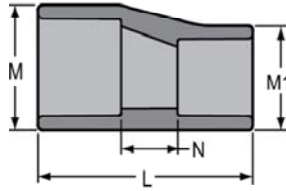
\* Fabricated

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



## Coupling - Eccentric Reducer

Socket x Socket



| Part Number              | Size        | L       | M       | M1      | N        | Approx. Wt.<br>(Lbs.) |
|--------------------------|-------------|---------|---------|---------|----------|-----------------------|
| 829-101CFE <sup>+</sup>  | 3/4X1/2     | 3-7/16  | 1- 3/8  | 1- 1/8  | 1-7/16   | .07                   |
| 829-130CFE <sup>+</sup>  | 1X1/2       | 4-1/16  | 1- 5/8  | 1- 1/8  | 1-13/16  | .11                   |
| 829-131CFE <sup>+</sup>  | 1X3/4       | 4       | 1- 5/8  | 1-1/8   | 1- 3/4   | .13                   |
| 829-168CFE <sup>+</sup>  | 1-1/4X1     | 4-1/2   | 2       | 1-11/16 | 1-3/4    | .22                   |
| 829-209CFE <sup>2+</sup> | 1-1/2X1/2   | 8       | 2- 1/4  | 1- 1/8  | 5-1/2    | .33                   |
| 829-210CFE <sup>2+</sup> | 1-1/2X3/4   | 7-15/16 | 2- 1/4  | 1- 3/8  | 5-7/16   | .33                   |
| 829-211CFE <sup>+</sup>  | 1-1/2X1     | 5-5/16  | 2-1/4   | 1-11/16 | 2-9/16   | .27                   |
| 829-212CFE <sup>+</sup>  | 1-1/2X1-1/4 | 4-9/16  | 2- 5/16 | 2- 1/16 | 1-9/16   | .33                   |
| 829-249CFE <sup>+</sup>  | 2X1         | 6- 1/8  | 2- 3/4  | 1-11/16 | 3- 1/8   | .41                   |
| 829-250CFE <sup>+</sup>  | 2X1-1/4     | 6- 1/8  | 2- 3/4  | 2- 1/16 | 2- 7/8   | .40                   |
| 829-251CFE <sup>+</sup>  | 2X1-1/2     | 5-9/16  | 2- 3/4  | 2- 5/16 | 2-5/16   | .48                   |
| 829-289CFE <sup>2+</sup> | 2-1/2X1     | 10-3/8  | 3-5/16  | 1-11/16 | 7-1/8    | .99                   |
| 829-290CFE <sup>2+</sup> | 2-1/2X1-1/4 | 10-3/8  | 3- 5/16 | 2- 1/16 | 6-7/8    | 1.01                  |
| 829-291CFE <sup>2+</sup> | 2-1/2X1-1/2 | 9-13/16 | 3- 5/16 | 2- 5/16 | 6-5/16   | .99                   |
| 829-292CFE <sup>+</sup>  | 2-1/2X2     | 6-5/8   | 3- 5/16 | 2-13/16 | 2-7/8    | .72                   |
| 829-335CFE <sup>2+</sup> | 3X1         | 11- 7/8 | 3-15/16 | 1-11/16 | 8- 3/8   | 1.21                  |
| 829-336CFE <sup>2+</sup> | 3X1-1/4     | 11- 7/8 | 3-15/16 | 2- 1/16 | 8- 1/8   | 1.21                  |
| 829-337CFE <sup>2+</sup> | 3X1-1/2     | 11-5/16 | 3-15/16 | 2- 5/16 | 7-9/16   | 1.31                  |
| 829-338EC                | 3X2         | 5-7/8   | 4-3/16  | 2-7/8   | 2-15/32  | 1.00                  |
| 829-338CFE <sup>+</sup>  | 3X2         | 8- 1/8  | 3-15/16 | 2-13/16 | 4- 1/8   | 1.07                  |
| 829-339CFE <sup>+</sup>  | 3X2-1/2     | 7- 1/4  | 4- 1/16 | 3- 7/16 | 3        | 1.23                  |
| 829-417CFE <sup>3+</sup> | 4X1         | 17      | 5- 1/8  | 1-11/16 | 13- 1/2  | 2.66                  |
| 829-418CFE <sup>3+</sup> | 4X1-1/4     | 17      | 5- 1/8  | 2- 1/16 | 13- 1/4  | 2.64                  |
| 829-419CFE <sup>3+</sup> | 4X1-1/2     | 16-7/16 | 5- 1/8  | 2- 5/16 | 12-11/16 | 2.59                  |
| 829-420CFE <sup>2+</sup> | 4X2         | 12-3/8  | 5- 1/8  | 2-13/16 | 8-5/8    | 2.82                  |
| 829-421CFE <sup>2+</sup> | 4X2-1/2     | 12- 3/8 | 5- 1/8  | 3- 7/16 | 8- 1/8   | 2.62                  |
| 829-422CFE <sup>+</sup>  | 4X3         | 8- 3/4  | 5- 1/8  | 4- 1/8  | 4- 1/4   | 1.90                  |
| 829-490CFE <sup>+</sup>  | 5X4         | 10      | 6-1/4   | 5-3/16  | 4-3/4    | 3.14                  |
| 829-528CFE <sup>3+</sup> | 6X2         | 20      | 7-5/16  | 2-7/8   | 15-1/4   | 5.39                  |
| 829-529CFE <sup>3+</sup> | 6X2-1/2     | 20      | 7- 5/16 | 3- 7/16 | 14- 3/4  | 5.74                  |
| 829-530CFE <sup>2+</sup> | 6X3         | 16- 3/8 | 7- 5/16 | 4- 1/8  | 10- 7/8  | 5.03                  |
| 829-532CFE <sup>+</sup>  | 6X4         | 11- 1/8 | 7- 5/16 | 5- 3/16 | 5- 5/8   | 3.74                  |
| 829-533CFE <sup>+</sup>  | 6X5         | 11-1/4  | 7-3/8   | 6-5/16  | 5        | 4.77                  |
| 829-578CFE <sup>4+</sup> | 8X2         | 29-3/4  | 9- 1/2  | 2-7/8   | 24       | 12.97                 |
| 829-580CFE <sup>3+</sup> | 8X3         | 26- 1/8 | 9- 1/2  | 4- 1/8  | 19- 5/8  | 12.51                 |
| 829-582CFE <sup>2+</sup> | 8X4         | 20- 7/8 | 9- 1/2  | 5- 3/16 | 14- 3/8  | 11.11                 |
| 829-583CFE <sup>2+</sup> | 8X5         | 21      | 9- 1/2  | 6- 5/16 | 13- 3/4  | 11.51                 |
| 829-585CFE <sup>+</sup>  | 8X6         | 15- 1/4 | 9- 1/2  | 7- 1/2  | 7- 3/4   | 9.77                  |
| 829-624CFE <sup>3+</sup> | 10X4        | 32      | 11- 3/4 | 5- 3/16 | 24- 1/2  | 23.06                 |

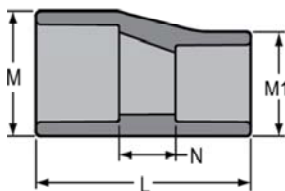


Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

**Coupling - Eccentric Reducer**

(Continued)

Socket x Socket

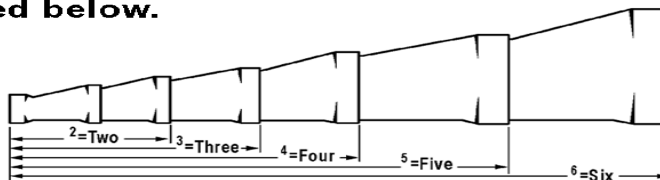


| Part Number              | Size  | L        | M        | M1       | N        | Approx. Wt. (Lbs.) |
|--------------------------|-------|----------|----------|----------|----------|--------------------|
| 829-625CFE <sup>3*</sup> | 10X5  | 32- 1/8  | 11- 3/4  | 6- 5/16  | 23- 7/8  | 23.12              |
| 829-626CFE <sup>2*</sup> | 10X6  | 26-3/8   | 11- 3/4  | 7- 1/2   | 17-7/8   | 21.55              |
| 829-628CFE <sup>*</sup>  | 10X8  | 18- 1/16 | 11- 3/4  | 9- 5/8   | 8- 9/16  | 16.14              |
| 829-664CFE <sup>4*</sup> | 12X4  | 43- 1/2  | 13-15/16 | 5- 3/16  | 35       | 47.19              |
| 829-666CFE <sup>3*</sup> | 12X6  | 37- 7/8  | 13-15/16 | 7- 1/2   | 28- 3/8  | 40.39              |
| 829-668CFE <sup>2*</sup> | 12X8  | 29- 9/16 | 13-15/16 | 9- 5/8   | 19- 1/16 | 34.85              |
| 829-670CFE <sup>*</sup>  | 12X10 | 20- 5/8  | 13-15/16 | 11-15/16 | 9- 1/8   | 26.05              |
| 829-696CFE <sup>3*</sup> | 14X6  | 41- 3/8  | 15- 3/16 | 7- 1/2   | 31- 1/8  | 45.55              |
| 829-698CFE <sup>2*</sup> | 14X8  | 33- 1/16 | 15- 3/16 | 9- 5/8   | 21-13/16 | 39.31              |
| 829-700CFE <sup>*</sup>  | 14X10 | 24- 1/8  | 15- 3/16 | 11-15/16 | 11- 7/8  | 29.93              |
| 829-702CFE <sup>*</sup>  | 14X12 | 20- 1/8  | 15- 3/8  | 14- 1/8  | 6- 7/8   | 35.17              |
| 829-756CFE <sup>4*</sup> | 16X6  | 54- 1/4  | 17- 1/2  | 7- 1/2   | 43       | 81.83              |
| 829-758CFE <sup>3*</sup> | 16X8  | 45-15/16 | 17- 1/2  | 9- 5/8   | 33-11/16 | 77.09              |
| 829-760CFE <sup>2*</sup> | 16X10 | 37       | 17- 1/2  | 11-15/16 | 23- 3/4  | 67.18              |
| 829-762CFE <sup>2*</sup> | 16X12 | 33       | 17- 1/2  | 14- 1/8  | 18- 3/4  | 71.77              |
| 829-764CFE <sup>*</sup>  | 16X14 | 24- 5/8  | 17- 1/2  | 15- 1/2  | 9- 5/8   | 54.62              |
| 829-786CFE <sup>5*</sup> | 18X6  | 69- 1/4  | 19-11/16 | 7- 1/2   | 57       | 59.26              |
| 829-788CFE <sup>4*</sup> | 18X8  | 60-15/16 | 19-11/16 | 9- 5/8   | 47-11/16 | 148.97             |
| 829-790CFE <sup>3*</sup> | 18X10 | 52       | 19-11/16 | 11-15/16 | 37- 3/4  | 124.66             |
| 829-792CFE <sup>3*</sup> | 18X12 | 48       | 19-11/16 | 14- 1/8  | 32- 3/4  | 118.39             |
| 829-794CFE <sup>2*</sup> | 18X14 | 39- 5/8  | 19-11/16 | 15- 1/2  | 23- 5/8  | 111.05             |
| 829-796CFE <sup>*</sup>  | 18X16 | 28- 5/8  | 19-11/16 | 17-11/16 | 11- 5/8  | 85.64              |

\* Fabricated

**Eccentric Reducer Coupling Footnotes**  
**Multi-Step Configurations**

The number after the part number denotes steps listed below.



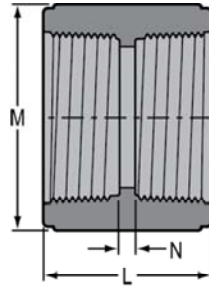
**Example: 829-582CFE<sup>2</sup> (2 = 2 Step)**

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



## Coupling

Fipt x Fipt

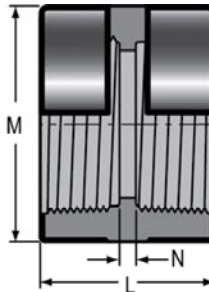


| Part Number | Size  | L       | M       | N      | Approx. Wt.<br>(Lbs.) |
|-------------|-------|---------|---------|--------|-----------------------|
| 830-002C    | 1/4   | 1-5/16  | 27/32   | 5/32   | .02                   |
| 830-003C    | 3/8   | 1-15/32 | 1       | 5/16   | .03                   |
| 830-005C    | 1/2   | 1-19/32 | 1-13/32 | 5/32   | .07                   |
| 830-007C    | 3/4   | 1-11/16 | 1-17/32 | 1/8    | .09                   |
| 830-010C    | 1     | 2- 3/32 | 1-15/16 | 1/8    | .15                   |
| 830-012C    | 1-1/4 | 2-7/32  | 2- 9/32 | 3/16   | .22                   |
| 830-015C    | 1-1/2 | 2-1/4   | 2- 5/8  | 7/32   | .29                   |
| 830-020C    | 2     | 2- 7/32 | 3       | 7/32   | .35                   |
| 830-025C    | 2-1/2 | 3-11/32 | 3-21/32 | 3/16   | .71                   |
| 830-030C    | 3     | 3-17/32 | 4-13/32 | 11/16  | 1.12                  |
| 830-040C    | 4     | 3-21/32 | 5- 9/16 | 3/16   | 1.61                  |
| 830-060CF*  | 6     | 3- 3/4  | 7- 3/16 | 3/4    | 1.76                  |
| 830-080CF*  | 8     | 4-1/2   | 9-3/8   | 1-1/16 | 3.32                  |

\* Fabricated

## Coupling - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



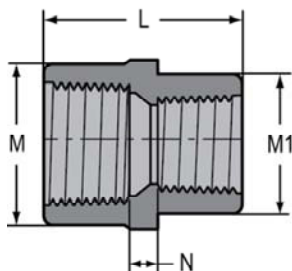
| Part Number | Size  | L       | M       | N     | Approx. Wt.<br>(Lbs.) |
|-------------|-------|---------|---------|-------|-----------------------|
| 830-005CSR  | 1/2   | 1-9/16  | 1-3/16  | 3/32  | .06                   |
| 830-007CSR  | 3/4   | 1-19/32 | 1- 3/8  | 3/32  | .07                   |
| 830-010CSR  | 1     | 1-15/16 | 1-11/16 | 5/32  | .12                   |
| 830-012CSR  | 1-1/4 | 2- 1/16 | 2- 1/16 | 5/32  | .17                   |
| 830-015CSR  | 1-1/2 | 2-3/16  | 2- 7/16 | 1/4   | .25                   |
| 830-020CSR  | 2     | 2- 1/4  | 3       | 7/32  | .39                   |
| 830-030CSR  | 3     | 3-17/32 | 4-9/32  | 11/16 | 1.25                  |



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Coupling - Reducer

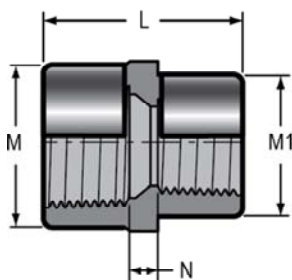
Fipt x Fipt



| Part Number | Size    | L       | M      | M1     | N   | Approx. Wt. (Lbs.) |
|-------------|---------|---------|--------|--------|-----|--------------------|
| 830-072C    | 1/2X1/4 | 1-29/32 | 1-7/32 | 1-5/32 | 5/8 | .06                |
| 830-073C    | 1/2X3/8 | 1-15/16 | 1-7/32 | 1-5/32 | 5/8 | .07                |
| 830-101C    | 3/4X1/2 | 1-11/16 | 1- 3/8 | 1-3/16 | 1/4 | .06                |

### Coupling - Special Reinforced Reducer

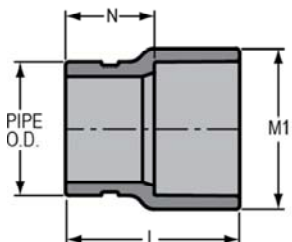
SR Fipt x SR Fipt - Stainless Steel Collar



| Part Number | Size        | L       | M       | M1      | N       | Approx. Wt. (Lbs.) |
|-------------|-------------|---------|---------|---------|---------|--------------------|
| 830-101CSR  | 3/4X1/2     | 1-3/4   | 1- 3/8  | 1-3/16  | 1/4     | .08                |
| 830-130CSR  | 1X1/2       | 2-7/32  | 1-11/16 | 1-3/16  | 17/32   | .17                |
| 830-131CSR  | 1X3/4       | 2-3/8   | 1-11/16 | 1- 3/8  | 11/16   | .16                |
| 830-168CSR  | 1-1/4X1     | 2-11/16 | 2-1/16  | 1-11/16 | 13/16   | .26                |
| 830-210CSR  | 1-1/2X3/4   | 2- 7/8  | 2- 7/16 | 1- 3/8  | 1- 7/32 | .30                |
| 830-211CSR  | 1-1/2X1     | 2-7/8   | 2- 7/16 | 1-11/16 | 1-3/16  | .32                |
| 830-212CSR  | 1-1/2X1-1/4 | 2-27/32 | 2-7/16  | 2-1/16  | 15/16   | .34                |
| 830-249CSR  | 2X1         | 3- 3/16 | 3       | 1-11/16 | 1-5/16  | .48                |
| 830-251CSR  | 2X1-1/2     | 3-7/32  | 3       | 2- 7/16 | 1-5/16  | .52                |

### Grooved Coupling Adapter

Groove x Socket



| Part Number | Size  | L       | M1      | N       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|--------------------|
| 833-012C    | 1-1/4 | 2-27/32 | 2-3/32  | 1- 9/16 | .16                |
| 833-015C    | 1-1/2 | 2-29/32 | 2-3/8   | 1- 1/2  | .19                |
| 833-020C    | 2     | 3- 1/16 | 2- 7/8  | 1- 9/16 | .29                |
| 833-025C    | 2-1/2 | 3-13/32 | 3- 1/2  | 1- 5/8  | .52                |
| 833-030C    | 3     | 3- 9/16 | 4- 3/16 | 1-11/16 | .72                |
| 833-040C    | 4     | 4-1/2   | 5- 1/4  | 2-7/32  | 1.37               |

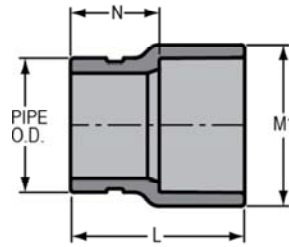
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



## Grooved Coupling Adapter

(Continued)

Groove x Socket

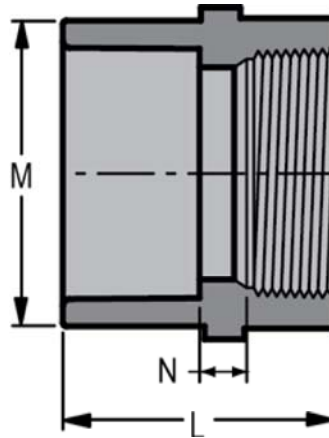


| Part Number | Size | L       | M1       | N       | Approx. Wt. (Lbs.) |
|-------------|------|---------|----------|---------|--------------------|
| 833-050CF*  | 5    | 7       | 6- 5/16  | 4       | 2.77               |
| 833-060C    | 6    | 5-11/16 | 7- 9/16  | 2-11/16 | 2.99               |
| 833-080CF*  | 8    | 8- 3/16 | 9- 5/8   | 3-15/16 | 6.59               |
| 833-100CF*  | 10   | 9- 7/8  | 11-15/16 | 4- 5/8  | 10.90              |
| 833-120CF*  | 12   | 10- 7/8 | 14- 1/8  | 4- 5/8  | 17.84              |

\* Fabricated

## Female Adapter

Socket x Fipt



| Part Number | Size    | L       | M        | N       | Approx. Wt. (Lbs.) |
|-------------|---------|---------|----------|---------|--------------------|
| 835-002C    | 1/4     | 1-5/16  | 13/16    | 3/32    | .02                |
| 835-003C    | 3/8     | 1-7/16  | 1        | 3/32    | .03                |
| 835-098C    | 3/4X1/4 | 1-15/16 | 1-3/8    | 5/16    | .06                |
| 835-005C    | 1/2     | 1-11/16 | 1-3/16   | 3/32    | .05                |
| 835-007C    | 3/4     | 1-27/32 | 1-13/32  | 3/32    | .08                |
| 835-010C    | 1       | 2-1/4   | 1-3/4    | 1/8     | .13                |
| 835-012C    | 1-1/4   | 2-9/32  | 2-1/16   | 3/32    | .16                |
| 835-015C    | 1-1/2   | 2- 1/2  | 2-5/16   | 1/8     | .20                |
| 835-020C    | 2       | 2-11/16 | 3        | 1/4     | .41                |
| 835-025C    | 2-1/2   | 3- 1/4  | 3- 9/16  | 7/32    | .66                |
| 835-030C    | 3       | 3-1/2   | 4-5/32   | 7/32    | .76                |
| 835-040C    | 4       | 3-15/16 | 5- 7/32  | 3/16    | 1.62               |
| 835-060C    | 6       | 4-31/32 | 7-21/32  | 1/4     | 3.22               |
| 835-060CF*  | 6       | 6-3/4   | 7-1/2    | 2       | 4.22               |
| 835-080C    | 8       | 6- 5/32 | 9-23/32  | 1/4     | 5.50               |
| 835-080CF*  | 8       | 8- 9/16 | 9- 5/8   | 2- 9/16 | 6.89               |
| 835-100CF*  | 10      | 10- 1/4 | 11-15/16 | 3       | 11.58              |
| 835-120CF*  | 12      | 11-1/2  | 14- 1/8  | 3       | 17.62              |

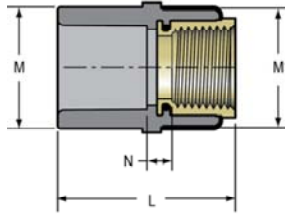
\* Fabricated



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Female Adapter - Brass Transition

Socket x Fipt With Brass Thread Insert

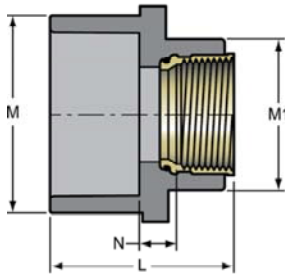


| Part Number                | Size  | L       | M       | M1      | N     | Approx. Wt. (Lbs.) |
|----------------------------|-------|---------|---------|---------|-------|--------------------|
| <a href="#">835-005CBR</a> | 1/2   | 1-25/32 | 1- 5/32 | 1-3/16  | 11/32 | .12                |
| <a href="#">835-007CBR</a> | 3/4   | 2       | 1-13/32 | 1- 3/8  | 11/32 | .15                |
| <a href="#">835-010CBR</a> | 1     | 2- 7/32 | 1- 3/4  | 1-11/16 | 11/32 | .24                |
| <a href="#">835-012CBR</a> | 1-1/4 | 2- 3/8  | 2- 3/32 | 2- 1/16 | 3/8   | .34                |
| <a href="#">835-015CBR</a> | 1-1/2 | 2-17/32 | 2-13/32 | 2- 7/16 | 13/32 | .46                |
| <a href="#">835-020CBR</a> | 2     | 2-25/32 | 2- 7/8  | 3- 3/16 | 7/16  | 1.03               |

**Not intended to convey or dispense water for human consumption through drinking or cooking**

### Female Adapter - Brass Transition Reducing

Socket x Fipt With Brass Thread Insert

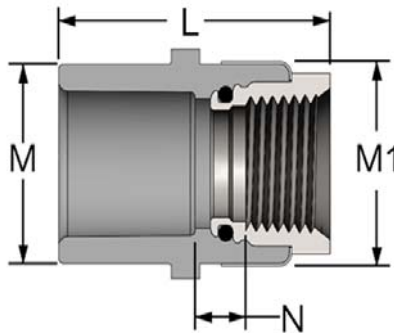


| Part Number                | Size    | L       | M       | M1      | N     | Approx. Wt. (Lbs.) |
|----------------------------|---------|---------|---------|---------|-------|--------------------|
| <a href="#">835-101CBR</a> | 3/4X1/2 | 2- 1/32 | 1- 7/16 | 1- 3/16 | 15/32 | .13                |

**Not intended to convey or dispense water for human consumption through drinking or cooking**

### Female Adapter - Stainless Steel Transition

Socket x Fipt With 316 Stainless steel Thread Insert  
NSF® Certified Lead Free



| Part Number                | Size  | L       | M       | M1      | N     | Approx. Wt. (Lbs.) |
|----------------------------|-------|---------|---------|---------|-------|--------------------|
| <a href="#">835-005CSS</a> | 1/2   | 1-25/32 | 1-5/32  | 1-3/16  | 11/32 | .10                |
| <a href="#">835-007CSS</a> | 3/4   | 2       | 1-3/8   | 1-13/32 | 1/4   | .14                |
| <a href="#">835-010CSS</a> | 1     | 2-1/4   | 1-23/32 | 1-11/16 | 15/32 | .24                |
| <a href="#">835-012CSS</a> | 1-1/4 | 2-3/8   | 2-3/32  | 2-1/16  | 3/8   | .28                |

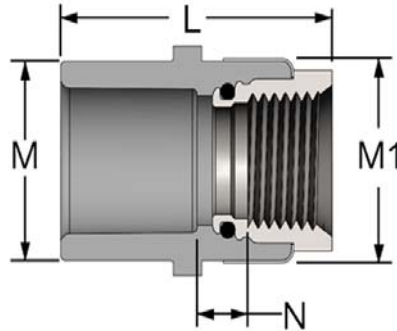
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**Female Adapter - Stainless Steel Transition**

(Continued)

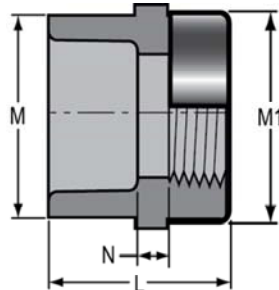
Socket x Fipt With 316 Stainless steel Thread Insert  
NSF® Certified Lead Free



| Part Number                | Size  | L       | M     | M1     | N    | Approx. Wt. (Lbs.) |
|----------------------------|-------|---------|-------|--------|------|--------------------|
| <a href="#">835-015CSS</a> | 1-1/2 | 2-9/16  | 2-3/8 | 2-7/16 | 3/8  | .64                |
| <a href="#">835-020CSS</a> | 2     | 2-11/16 | 2-7/8 | 3      | 7/16 | .84                |

**Female Adapter - Special Reinforced**

Socket x SR Fipt - Stainless Steel Collar



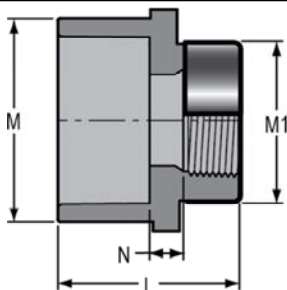
| Part Number                | Size  | L       | M       | M1      | N    | Approx. Wt. (Lbs.) |
|----------------------------|-------|---------|---------|---------|------|--------------------|
| <a href="#">835-002CSR</a> | 1/4   | 1-13/32 | 27/32   | 27/32   | 3/32 | .03                |
| <a href="#">835-003CSR</a> | 3/8   | 1-15/32 | 15/16   | 31/32   | 3/32 | .03                |
| <a href="#">835-005CSR</a> | 1/2   | 1-23/32 | 1- 5/32 | 1- 3/16 | 3/32 | .06                |
| <a href="#">835-007CSR</a> | 3/4   | 1- 7/8  | 1-13/32 | 1- 3/8  | 3/32 | .08                |
| <a href="#">835-010CSR</a> | 1     | 2-5/32  | 1-23/32 | 1-11/16 | 3/32 | .12                |
| <a href="#">835-012CSR</a> | 1-1/4 | 2- 5/16 | 2- 3/32 | 2- 1/16 | 3/32 | .24                |
| <a href="#">835-015CSR</a> | 1-1/2 | 2- 7/16 | 2-13/32 | 2- 7/16 | 3/32 | .28                |
| <a href="#">835-020CSR</a> | 2     | 2-23/32 | 3       | 3- 1/32 | 1/4  | .45                |
| <a href="#">835-025CSR</a> | 2-1/2 | 3-9/32  | 3- 9/16 | 3- 9/16 | 3/16 | .70                |
| <a href="#">835-030CSR</a> | 3     | 3- 1/2  | 4- 1/4  | 4- 9/32 | 3/32 | 1.01               |
| <a href="#">835-040CSR</a> | 4     | 3-11/16 | 5- 7/32 | 5-7/32  | 1/4  | 1.35               |
| <a href="#">835-060CSR</a> | 6     | 4-31/32 | 7-21/32 | 7-21/32 | 1/4  | 3.16               |



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Female Adapter - Special Reinforced Reducing

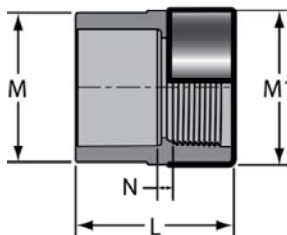
Socket x SR Fipt - Stainless Steel Collar



| Part Number                | Size    | L       | M       | M1      | N     | Approx. Wt. (Lbs.) |
|----------------------------|---------|---------|---------|---------|-------|--------------------|
| <a href="#">835-074CSR</a> | 1/2X3/4 | 1-23/32 | 1- 3/16 | 1- 3/8  | 3/32  | .07                |
| <a href="#">835-098CSR</a> | 3/4X1/4 | 1-31/32 | 1-13/32 | 27/32   | 11/32 | .06                |
| <a href="#">835-101CSR</a> | 3/4X1/2 | 1-27/32 | 1- 3/8  | 1- 3/16 | 3/32  | .07                |
| <a href="#">835-102CSR</a> | 3/4X1   | 2-1/32  | 1- 7/16 | 1-11/16 | 3/32  | .12                |
| <a href="#">835-130CSR</a> | 1X1/2   | 2       | 1-11/16 | 1- 3/16 | 7/32  | .10                |
| <a href="#">835-131CSR</a> | 1X3/4   | 2- 3/32 | 1- 3/4  | 1- 3/8  | 1/4   | .12                |

### Female Adapter - Encapsulated Special Reinforced

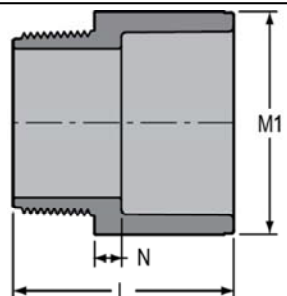
Socket x ESR Fipt



| Part Number                 | Size  | L       | M       | M1      | N    | Approx. Wt. (Lbs.) |
|-----------------------------|-------|---------|---------|---------|------|--------------------|
| <a href="#">835-002CESR</a> | 1/4   | 1- 1/2  | 27/32   | 29/32   | 3/32 | .03                |
| <a href="#">835-003CESR</a> | 3/8   | 1-17/32 | 15/16   | 1- 1/32 | 3/32 | .04                |
| <a href="#">835-005CESR</a> | 1/2   | 1-27/32 | 1-5/32  | 1- 9/32 | 3/32 | .07                |
| <a href="#">835-007CESR</a> | 3/4   | 1-31/32 | 1-13/32 | 1-15/32 | 3/32 | .09                |
| <a href="#">835-010CESR</a> | 1     | 2- 1/4  | 1-23/32 | 1-25/32 | 3/32 | .14                |
| <a href="#">835-012CESR</a> | 1-1/4 | 2- 7/16 | 2-3/32  | 2- 5/32 | 1/8  | .26                |
| <a href="#">835-015CESR</a> | 1-1/2 | 2- 9/16 | 2-13/32 | 2- 1/2  | 7/32 | .31                |
| <a href="#">835-020CESR</a> | 2     | 2-27/32 | 3       | 3- 3/32 | 1/4  | .48                |

### Male Adapter

Mipt x Socket



| Part Number              | Size  | L       | M1      | N     | Approx. Wt. (Lbs.) |
|--------------------------|-------|---------|---------|-------|--------------------|
| <a href="#">836-005C</a> | 1/2   | 1-23/32 | 1-9/32  | 3/16  | .04                |
| <a href="#">836-007C</a> | 3/4   | 1-29/32 | 1-7/16  | 7/32  | .06                |
| <a href="#">836-102C</a> | 3/4X1 | 2- 9/32 | 1- 3/4  | 17/32 | .10                |
| <a href="#">836-131C</a> | 1X3/4 | 2- 1/16 | 1-13/32 | 1/4   | .12                |

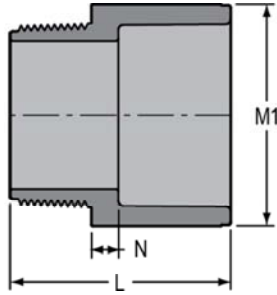
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



## Male Adapter

Mipt x Socket

(Continued)



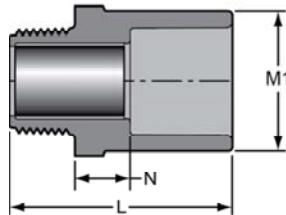
| Part Number | Size  | L       | M1       | N       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|----------|---------|--------------------|
| 836-010C    | 1     | 2- 5/32 | 1-23/32  | 7/32    | .10                |
| 836-012C    | 1-1/4 | 2- 1/4  | 2- 1/8   | 1/4     | .15                |
| 836-015C    | 1-1/2 | 2-9/16  | 2-7/16   | 9/32    | .19                |
| 836-020C    | 2     | 2- 7/8  | 2- 7/8   | 5/16    | .30                |
| 836-025C    | 2-1/2 | 3-11/16 | 3-17/32  | 11/32   | .53                |
| 836-030C    | 3     | 3-29/32 | 4-7/32   | 3/8     | .77                |
| 836-040C    | 4     | 4-13/32 | 5- 5/16  | 13/32   | 1.18               |
| 836-050CF*  | 5     | 6       | 6-5/16   | 1-5/8   | 2.31               |
| 836-060C    | 6     | 5- 1/2  | 7- 9/16  | 19/32   | 3.03               |
| 836-060CF*  | 6     | 6-1/2   | 7-1/2    | 1-13/16 | 3.92               |
| 836-080CF*  | 8     | 8- 3/16 | 9- 5/8   | 2- 3/16 | 6.67               |
| 836-100CF*  | 10    | 10- 3/8 | 11-15/16 | 3- 3/16 | 11.27              |
| 836-120CF*  | 12    | 11- 1/8 | 14- 1/8  | 2- 3/4  | 22.93              |

\* Fabricated

## Male Adapter - Internal Reinforced

R Mipt x Socket - Stainless Steel Sleeve

NSF® Certified Lead Free



| Part Number | Size  | L       | M1      | N     | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|-------|--------------------|
| 836-005CR   | 1/2   | 2-1/8   | 1-3/16  | 9/16  | .05                |
| 836-007CR   | 3/4   | 2- 1/4  | 1-13/32 | 9/16  | .08                |
| 836-010CR   | 1     | 2-21/32 | 1-23/32 | 21/32 | .15                |
| 836-012CR   | 1-1/4 | 2-15/16 | 2-1/8   | 21/32 | .17                |
| 836-015CR   | 1-1/2 | 3-3/16  | 2- 3/8  | 3/4   | .26                |
| 836-020CR   | 2     | 3-11/32 | 2-29/32 | 3/4   | .29                |



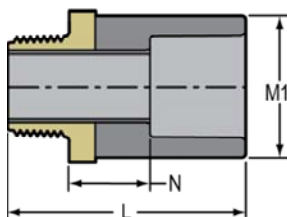


## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Male Adapter - CPVC Lined Brass Transition

Brass Mipt x Socket

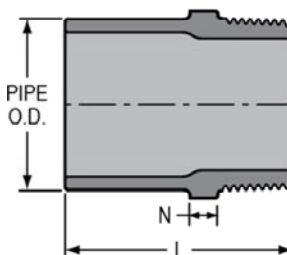
NSF® Certified Lead Free



| Part Number | Size  | L       | M1      | N      | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|--------|--------------------|
| 836-005CBR  | 1/2   | 2-13/32 | 1- 9/32 | 1-3/16 | .20                |
| 836-007CBR  | 3/4   | 2-17/32 | 1-13/32 | 13/16  | .26                |
| 836-010CBR  | 1     | 2-15/16 | 1-23/32 | 29/32  | .50                |
| 836-012CBR  | 1-1/4 | 3- 1/8  | 2- 3/32 | 31/32  | .66                |
| 836-015CBR  | 1-1/2 | 3- 9/32 | 2-11/32 | 31/32  | .80                |
| 836-020CBR  | 2     | 3- 7/16 | 2-27/32 | 1      | 1.07               |

### Male Spigot Adapter

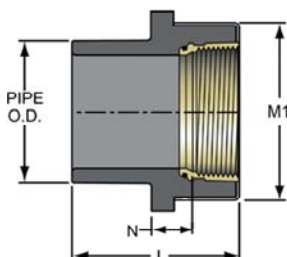
Spigot x Mipt



| Part Number | Size  | L       | N    | Approx. Wt. (Lbs.) |
|-------------|-------|---------|------|--------------------|
| 861-005C    | 1/2   | 1-13/16 | 1/4  | .03                |
| 861-007C    | 3/4   | 1-31/32 | 1/4  | .04                |
| 861-010C    | 1     | 2- 3/32 | 1/4  | .07                |
| 861-131C    | 1X3/4 | 2       | 1/4  | .07                |
| 861-012C    | 1-1/4 | 2- 9/32 | 9/32 | .12                |
| 861-015C    | 1-1/2 | 2-7/16  | 5/16 | .14                |
| 861-020C    | 2     | 2-11/16 | 3/8  | .24                |

### Female Spigot Adapter - Brass Transition

Spigot x Fipt With Brass Thread Insert



| Part Number | Size | L      | M1      | N    | Approx. Wt. (Lbs.) |
|-------------|------|--------|---------|------|--------------------|
| 878-010CBR  | 1    | 2-9/32 | 1-11/16 | 7/16 | .22                |

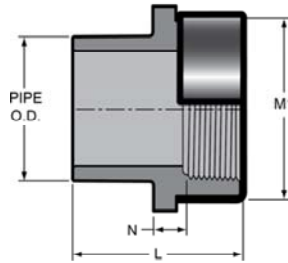
Not intended to convey or dispense water for human consumption through drinking or cooking

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**Female Spigot Adapter -  
Special Reinforced**

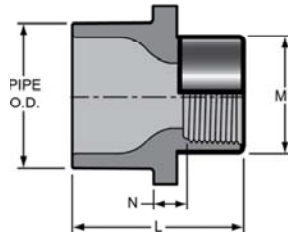
Spigot x SR Fipt - Stainless Steel Collar



| Part Number | Size  | L       | M1      | N    | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|------|--------------------|
| 878-005CSR  | 1/2   | 1- 3/4  | 1- 3/16 | 1/8  | .05                |
| 878-007CSR  | 3/4   | 1-15/16 | 1- 3/8  | 3/16 | .07                |
| 878-010CSR  | 1     | 2- 1/4  | 1-23/32 | 7/32 | .12                |
| 878-012CSR  | 1-1/4 | 2-15/32 | 2- 1/16 | 1/4  | .18                |
| 878-015CSR  | 1-1/2 | 2-21/32 | 2- 7/16 | 9/32 | .26                |
| 878-020CSR  | 2     | 2-13/16 | 3       | 9/32 | .40                |
| 878-030CSR  | 3     | 3-27/32 | 4- 9/32 | 5/16 | .96                |
| 878-040CSR  | 4     | 4- 3/8  | 5- 1/4  | 5/8  | 1.42               |

**Female Spigot Adapter -  
Special Reinforced Reducing**

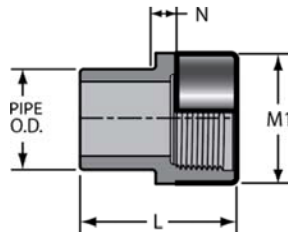
Spigot x SR Fipt - Stainless Steel Collar



| Part Number | Size    | L       | M1    | N     | Approx. Wt. (Lbs.) |
|-------------|---------|---------|-------|-------|--------------------|
| 878-072CSR  | 1/2X1/4 | 1-13/32 | 27/32 | 1/8   | .03                |
| 878-098CSR  | 3/4X1/4 | 1-27/32 | 27/32 | 7/32  | .05                |
| 878-128CSR  | 1X1/4   | 2- 3/8  | 27/32 | 21/32 | .08                |

**Female Spigot Adapter -  
Encapsulated Special Reinforced**

Spigot x ESR Fipt



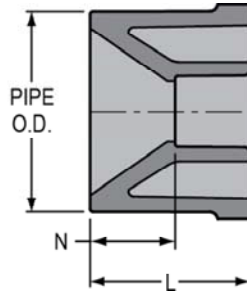
| Part Number | Size  | L       | M1      | N    | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|------|--------------------|
| 878-005CESR | 1/2   | 1- 7/8  | 1- 9/32 | 1/8  | .06                |
| 878-007CESR | 3/4   | 2- 1/16 | 1-15/32 | 5/32 | .09                |
| 878-010CESR | 1     | 2- 3/8  | 1-25/32 | 7/32 | .14                |
| 878-012CESR | 1-1/4 | 2-9/16  | 2- 5/32 | 1/4  | .20                |
| 878-015CESR | 1-1/2 | 2-25/32 | 2- 1/2  | 9/32 | .29                |
| 878-020CESR | 2     | 2-29/32 | 3- 3/32 | 9/32 | .43                |



Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

**Reducer Bushing**  
**Flush Style**

Spigot x Socket



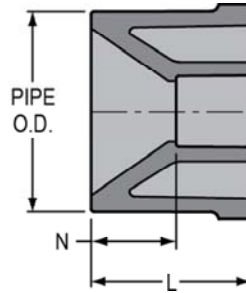
| Part Number            | Size        | L       | N       | Approx. Wt. (Lbs.) |
|------------------------|-------------|---------|---------|--------------------|
| 837-052C               | 3/8X1/4     | 31/32   | 5/16    | .01                |
| 837-072C               | 1/2X1/4     | 1- 3/32 | 13/32   | .02                |
| 837-073C               | 1/2X3/8     | 1- 1/8  | 11/32   | .01                |
| 837-101C               | 3/4X1/2     | 1-1/4   | 3/8     | .02                |
| 837-129C <sup>1</sup>  | 1X3/8       | 1-3/8   | 27/32   | .08                |
| 837-130C               | 1X1/2       | 1-3/8   | 1/2     | .06                |
| 837-131C               | 1X3/4       | 1-11/32 | 5/16    | .03                |
| 837-166C               | 1-1/4X1/2   | 1- 1/2  | 5/8     | .12                |
| 837-167C               | 1-1/4X3/4   | 1-13/32 | 13/32   | .09                |
| 837-168C               | 1-1/4X1     | 1-13/32 | 9/32    | .06                |
| 837-209C               | 1-1/2X1/2   | 1-23/32 | 13/16   | .15                |
| 837-210C               | 1-1/2X3/4   | 1-5/8   | 5/8     | .16                |
| 837-211C               | 1-1/2X1     | 1-19/32 | 13/32   | .12                |
| 837-212C               | 1-1/2X1-1/4 | 1-17/32 | 9/32    | .06                |
| 837-247C               | 2X1/2       | 1-29/32 | 1       | .29                |
| 837-248C               | 2X3/4       | 1-23/32 | 23/32   | .27                |
| 837-249C               | 2X1         | 1-3/4   | 5/8     | .23                |
| 837-250C               | 2X1-1/4     | 1-11/16 | 7/16    | .20                |
| 837-251C               | 2X1-1/2     | 1-3/4   | 11/32   | .15                |
| 837-289C               | 2-1/2X1     | 2-1/32  | 29/32   | .43                |
| 837-290C               | 2-1/2X1-1/4 | 2-5/32  | 13/32   | .46                |
| 837-291C               | 2-1/2X1-1/2 | 2-5/32  | 3/4     | .40                |
| 837-292C               | 2-1/2X2     | 2-9/32  | 3/4     | .29                |
| 837-333C               | 3X1/2       | 2-3/16  | 1-5/16  | .64                |
| 837-334C <sup>1</sup>  | 3X3/4       | 2-3/8   | 1-3/8   | .70                |
| 837-335C               | 3X1         | 2-9/32  | 1-1/8   | .66                |
| 837-336C               | 3X1-1/4     | 2-1/4   | 1       | .70                |
| 837-337C               | 3X1-1/2     | 2-9/32  | 7/8     | .66                |
| 837-338C               | 3X2         | 2-7/32  | 9/16    | .63                |
| 837-339C               | 3X2-1/2     | 2-11/32 | 9/32    | .43                |
| 837-419C               | 4X1-1/2     | 2-19/32 | 1-3/16  | 1.07               |
| 837-420C               | 4X2         | 2-21/32 | 1-1/8   | 1.10               |
| 837-421C               | 4X2-1/2     | 2-17/32 | 25/32   | 1.07               |
| 837-422C               | 4X3         | 2-5/8   | 3/4     | .85                |
| 837-490C               | 5X4         | 2-31/32 | 23/32   | 1.35               |
| 837-490CF <sup>2</sup> | 5X4         | 3       | 3/4     | 1.43               |
| 837-525C <sup>1</sup>  | 6X1         | 3-13/16 | 2-11/16 | 3.37               |
| 837-528C               | 6X2         | 3-1/2   | 2       | 3.13               |
| 837-529C <sup>1</sup>  | 6X2-1/2     | 3-7/8   | 1-13/16 | 3.48               |
| 837-530C               | 6X3         | 3-17/32 | 2-1/8   | 3.07               |
| 837-532C               | 6X4         | 3-9/16  | 1- 1/4  | 2.90               |
| 837-533CF <sup>2</sup> | 6X5         | 3       | 7/16    | 1.75               |
| 837-534C               | 6X5         | 3-17/32 | 7/8     | 2.05               |
| 837-578C <sup>1</sup>  | 8X2         | 4-15/16 | 3-3/8   | 7.25               |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**Reducer Bushing  
 Flush Style**

Spigot x Socket



(Continued)

| Part Number            | Size  | L       | N       | Approx. Wt.<br>(Lbs.) |
|------------------------|-------|---------|---------|-----------------------|
| 837-580C <sup>1</sup>  | 8X3   | 4-7/8   | 3       | 7.00                  |
| 837-582C               | 8X4   | 4- 1/2  | 2- 1/4  | 6.14                  |
| 837-583CF <sup>*</sup> | 8X5   | 4-7/16  | 1-3/4   | 7.12                  |
| 837-585C               | 8X6   | 4-3/8   | 1-3/8   | 5.36                  |
| 837-624C <sup>1</sup>  | 10X4  | 6       | 3-3/4   | 13.30                 |
| 837-626C               | 10X6  | 5-5/16  | 2-5/16  | 10.39                 |
| 837-628C               | 10X8  | 5-11/32 | 1-5/16  | 11.47                 |
| 837-628CF <sup>*</sup> | 10X8  | 5-1/4   | 1-1/4   | 8.43                  |
| 837-663CF <sup>*</sup> | 12X3  | 6-7/8   | 5       | 25.78                 |
| 837-666CF <sup>*</sup> | 12X6  | 6-3/8   | 3-5/16  | 22.70                 |
| 837-668C               | 12X8  | 6-7/8   | 2-7/16  | 16.29                 |
| 837-670CF <sup>*</sup> | 12X10 | 6       | 1       | 12.31                 |
| 837-696CF <sup>*</sup> | 14X6  | 7-3/4   | 4-11/16 | 31.99                 |
| 837-698CF <sup>*</sup> | 14X8  | 7-5/16  | 3-5/16  | 26.62                 |
| 837-700CF <sup>*</sup> | 14X10 | 7-5/16  | 2-5/16  | 22.64                 |
| 837-702CF <sup>*</sup> | 14X12 | 7       | 1       | 10.33                 |
| 837-756CF <sup>*</sup> | 16X6  | 8-3/4   | 5-11/16 | 47.20                 |
| 837-754CF              | 16X4  | 8-13/16 | 6-13/16 | 47.37                 |
| 837-758CF <sup>*</sup> | 16X8  | 8-5/16  | 4-5/16  | 42.24                 |
| 837-760CF <sup>*</sup> | 16X10 | 8-5/16  | 3-5/16  | 42.68                 |
| 837-762CF <sup>*</sup> | 16X12 | 8       | 2       | 31.01                 |
| 837-764CF <sup>*</sup> | 16X14 | 8       | 1       | 20.03                 |
| 837-786CF <sup>*</sup> | 18X6  | 9-3/4   | 6-11/16 | 79.67                 |
| 837-788CF <sup>*</sup> | 18X8  | 9-5/16  | 5-5/16  | 73.66                 |
| 837-790CF <sup>*</sup> | 18X10 | 9-5/16  | 4-5/16  | 69.68                 |
| 837-792CF <sup>*</sup> | 18X12 | 9       | 3       | 57.37                 |
| 837-794CF <sup>*</sup> | 18X14 | 9       | 2       | 47.03                 |
| 837-796CF <sup>*</sup> | 18X16 | 9       | 1       | 27.00                 |
| 837-816CF <sup>*</sup> | 20X6  | 9-3/4   | 6-11/16 | 113.65                |
| 837-818CF <sup>*</sup> | 20X8  | 10-5/16 | 6-5/16  | 106.59                |
| 837-820CF <sup>*</sup> | 20X10 | 10-5/16 | 5-5/16  | 103.25                |
| 837-822CF <sup>*</sup> | 20X12 | 10      | 4       | 90.94                 |
| 837-824CF <sup>*</sup> | 20X14 | 10      | 3       | 79.96                 |
| 837-826CF <sup>*</sup> | 20X16 | 10      | 2       | 59.92                 |
| 837-828CF <sup>*</sup> | 20X18 | 10      | 1       | 32.92                 |

<sup>1</sup> Sized with Bushing

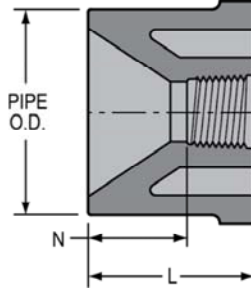
<sup>\*</sup> Fabricated



Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

**Reducer Bushing  
 Flush Style**

Spigot x Fipt



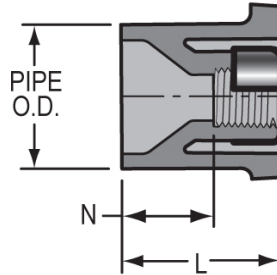
| Part Number | Size        | L       | N       | Approx. Wt.<br>(Lbs.) |
|-------------|-------------|---------|---------|-----------------------|
| 838-052C    | 3/8X1/4     | 15/16   | 3/8     | .01                   |
| 838-071C    | 1/2X1/8     | 1       | 9/16    | .02                   |
| 838-072C    | 1/2X1/4     | 1       | 13/32   | .01                   |
| 838-073C    | 1/2X3/8     | 1- 3/32 | 17/32   | .01                   |
| 838-098C    | 3/4X1/4     | 1- 7/32 | 5/8     | .04                   |
| 838-099C    | 3/4X3/8     | 1- 1/4  | 21/32   | .03                   |
| 838-101C    | 3/4X1/2     | 1-1/4   | 1/2     | .02                   |
| 838-129C    | 1X3/8       | 1-13/32 | 13/32   | .06                   |
| 838-130C    | 1X1/2       | 1-3/8   | 5/8     | .06                   |
| 838-131C    | 1X3/4       | 1- 3/8  | 21/32   | .05                   |
| 838-166C    | 1-1/4X1/2   | 1-9/16  | 13/16   | .11                   |
| 838-167C    | 1-1/4X3/4   | 1-15/32 | 3/4     | .09                   |
| 838-168C    | 1-1/4X1     | 1-7/16  | 1/2     | .09                   |
| 838-207C    | 1-1/2X1/4   | 1- 9/16 | 15/16   | .15                   |
| 838-209C    | 1-1/2X1/2   | 1-23/32 | 1       | .16                   |
| 838-210C    | 1-1/2X3/4   | 1-23/32 | 29/32   | .14                   |
| 838-211C    | 1-1/2X1     | 1-23/32 | 13/16   | .15                   |
| 838-212C    | 1-1/2X1-1/4 | 1- 1/2  | 9/16    | .10                   |
| 838-247C    | 2X1/2       | 1-29/32 | 1-3/16  | .29                   |
| 838-248C    | 2X3/4       | 1-29/32 | 1- 5/32 | .30                   |
| 838-249C    | 2X1         | 1-7/8   | 1       | .26                   |
| 838-250C    | 2X1-1/4     | 1-29/32 | 7/8     | .25                   |
| 838-251C    | 2X1-1/2     | 1-29/32 | 15/16   | .20                   |
| 838-287C    | 2-1/2X1/2   | 2- 3/8  | 1-21/32 | .45                   |
| 838-288C    | 2-1/2X3/4   | 2- 7/16 | 1- 5/8  | .53                   |
| 838-289C    | 2-1/2X1     | 2-1/8   | 1-7/32  | .41                   |
| 838-290C    | 2-1/2X1-1/4 | 2-3/8   | 1-7/32  | .45                   |
| 838-291C    | 2-1/2X1-1/2 | 2- 3/8  | 1-13/32 | .51                   |
| 838-292C    | 2-1/2X2     | 2-1/32  | 1- 1/16 | .26                   |
| 838-334C    | 3X3/4       | 2- 9/32 | 1-17/32 | .62                   |
| 838-335C    | 3X1         | 2-1/4   | 1-3/8   | .61                   |
| 838-336C    | 3X1-1/4     | 2-9/32  | 1-11/32 | .61                   |
| 838-337C    | 3X1-1/2     | 2-9/32  | 1-5/16  | .74                   |
| 838-338C    | 3X2         | 2- 3/16 | 1- 7/32 | .57                   |
| 838-339C    | 3X2-1/2     | 2- 3/8  | 13/16   | .50                   |
| 838-420C    | 4X2         | 2-21/32 | 1-21/32 | 1.19                  |
| 838-421C    | 4X2-1/2     | 2-21/32 | 1-5/32  | 1.10                  |
| 838-422C    | 4X3         | 2- 5/8  | 1-1/32  | .84                   |
| 838-528C    | 6X2         | 3-1/2   | 2-1/2   | 3.25                  |
| 838-530C    | 6X3         | 3-17/32 | 2- 1/8  | 3.14                  |
| 838-532C    | 6X4         | 3-17/32 | 2- 1/32 | 2.79                  |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**Reducer Bushing -  
Special Reinforced**

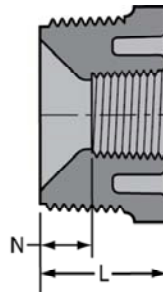
Spigot x SR Fipt - Stainless Steel Collar



| Part Number | Size      | L       | N       | Approx. Wt.<br>(Lbs.) |
|-------------|-----------|---------|---------|-----------------------|
| 838-128CSR  | 1X1/4     | 1-13/32 | 25/32   | .08                   |
| 838-207CSR  | 1-1/2X1/4 | 1- 9/16 | 15/16   | .16                   |
| 838-209CSR  | 1-1/2X1/2 | 1-23/32 | 1       | .17                   |
| 838-210CSR  | 1-1/2X3/4 | 1-23/32 | 29/32   | .16                   |
| 838-247CSR  | 2X1/2     | 1-29/32 | 1-3/16  | .29                   |
| 838-248CSR  | 2X3/4     | 1-29/32 | 1- 5/32 | .29                   |
| 838-249CSR  | 2X1       | 1- 7/8  | 31/32   | .31                   |
| 838-334CSR  | 3X3/4     | 2- 9/32 | 1-17/32 | .62                   |
| 838-335CSR  | 3X1       | 2-1/4   | 1-3/8   | .68                   |
| 838-336CSR  | 3X1-1/4   | 2-9/32  | 1-11/32 | .63                   |
| 838-337CSR  | 3X1-1/2   | 2-9/32  | 1-5/16  | .64                   |
| 838-528CSR  | 6X2       | 3- 1/2  | 2-1/2   | 3.20                  |
| 838-530CSR  | 6X3       | 3-17/32 | 2- 1/8  | 3.07                  |
| 838-532CSR  | 6X4       | 3-27/32 | 2       | 2.75                  |

**Reducer Bushing (T.T.) Flush  
Style**

Mipt x Fipt



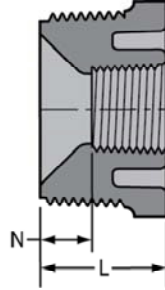
| Part Number | Size      | L       | N     | Approx. Wt.<br>(Lbs.) |
|-------------|-----------|---------|-------|-----------------------|
| 839-041C    | 1/4X1/8   | 23/32   | 5/16  | .00                   |
| 839-052C    | 3/8X1/4   | 25/32   | 3/16  | .01                   |
| 839-072C    | 1/2X1/4   | 7/8     | 5/16  | .01                   |
| 839-073C    | 1/2X3/8   | 15/16   | 11/32 | .01                   |
| 839-098C    | 3/4X1/4   | 1       | 7/16  | .03                   |
| 839-099C    | 3/4X3/8   | 1       | 7/16  | .03                   |
| 839-101C    | 3/4X1/2   | 15/16   | 3/16  | .01                   |
| 839-128C    | 1X1/4     | 1-7/32  | 5/8   | .05                   |
| 839-129C    | 1X3/8     | 1- 7/32 | 5/8   | .05                   |
| 839-130C    | 1X1/2     | 1-7/32  | 15/32 | .05                   |
| 839-131C    | 1X3/4     | 1-1/4   | 15/32 | .04                   |
| 839-166C    | 1-1/4X1/2 | 1-9/32  | 9/16  | .09                   |
| 839-167C    | 1-1/4X3/4 | 1- 9/32 | 9/16  | .08                   |
| 839-168C    | 1-1/4X1   | 1- 9/32 | 5/16  | .06                   |
| 839-209C    | 1-1/2X1/2 | 1-11/32 | 19/32 | .12                   |
| 839-210C    | 1-1/2X3/4 | 1-11/32 | 19/32 | .12                   |
| 839-211C    | 1-1/2X1   | 1-11/32 | 7/16  | .10                   |



Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

**Reducer Bushing (T.T.) Flush Style**

Mipt x Fipt

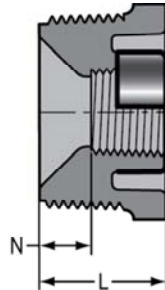


(Continued)

| Part Number | Size        | L       | N       | Approx. Wt. (Lbs.) |
|-------------|-------------|---------|---------|--------------------|
| 839-212C    | 1-1/2X1-1/4 | 1-11/32 | 13/32   | .06                |
| 839-247C    | 2X1/2       | 1- 3/8  | 21/32   | .18                |
| 839-248C    | 2X3/4       | 1- 3/8  | 5/8     | .18                |
| 839-249C    | 2X1         | 1- 3/8  | 15/32   | .18                |
| 839-250C    | 2X1-1/4     | 1- 3/8  | 7/16    | .16                |
| 839-251C    | 2X1-1/2     | 1- 3/8  | 13/32   | .12                |
| 839-292C    | 2-1/2X2     | 1-7/8   | 7/8     | .22                |
| 839-337C    | 3X1-1/2     | 1-15/16 | 15/16   | .52                |
| 839-338C    | 3X2         | 1-15/16 | 15/16   | .46                |
| 839-339C    | 3X2-1/2     | 1-15/16 | 5/8     | .38                |
| 839-420C    | 4X2         | 2- 1/8  | 1- 1/8  | .86                |
| 839-422C    | 4X3         | 2- 1/8  | 1/2     | .74                |
| 839-532C    | 6X4         | 3-17/32 | 1-13/16 | 3.16               |

**Reducer Bushing - Special Reinforced Reducing Flush Style**

Mipt x SR Fipt - Stainless Steel Collar

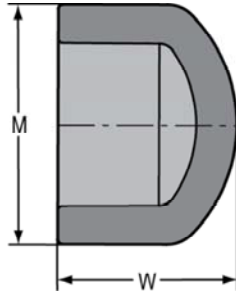


| Part Number | Size      | L       | N      | Approx. Wt. (Lbs.) |
|-------------|-----------|---------|--------|--------------------|
| 839-209CSR  | 1-1/2X1/2 | 1-11/32 | 19/32  | .12                |
| 839-210CSR  | 1-1/2X3/4 | 1-11/32 | 19/32  | .12                |
| 839-247CSR  | 2X1/2     | 1- 3/8  | 21/32  | .18                |
| 839-248CSR  | 2X3/4     | 1- 3/8  | 5/8    | .18                |
| 839-249CSR  | 2X1       | 1- 3/8  | 15/32  | .20                |
| 839-420CSR  | 4X2       | 2- 1/8  | 1- 1/8 | .90                |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



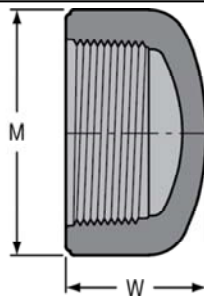
**Cap**  
 Socket



| Part Number | Size  | M        | W       | Approx. Wt. (Lbs.) |
|-------------|-------|----------|---------|--------------------|
| 847-002C    | 1/4   | 13/16    | 29/32   | .01                |
| 847-003C    | 3/8   | 31/32    | 1- 1/8  | .02                |
| 847-005C    | 1/2   | 1- 3/16  | 1- 7/32 | .03                |
| 847-007C    | 3/4   | 1- 3/8   | 1-13/32 | .04                |
| 847-010C    | 1     | 1-11/16  | 1- 5/8  | .08                |
| 847-012C    | 1-1/4 | 2- 3/32  | 1-27/32 | .12                |
| 847-015C    | 1-1/2 | 2-11/32  | 2       | .17                |
| 847-020C    | 2     | 2-27/32  | 2- 9/32 | .26                |
| 847-025C    | 2-1/2 | 3-17/32  | 2- 5/8  | .46                |
| 847-030C    | 3     | 4- 5/32  | 3- 1/32 | .73                |
| 847-040C    | 4     | 5-7/32   | 3-15/16 | 1.36               |
| 847-050CF*  | 5     | 6-1/2    | 4-7/16  | 1.98               |
| 847-060C    | 6     | 7-9/16   | 5-15/32 | 3.42               |
| 847-080C    | 8     | 9-23/32  | 7-5/32  | 6.93               |
| 847-100CF*  | 10    | 12- 1/4  | 5-15/16 | 7.48               |
| 847-120CF*  | 12    | 14- 1/4  | 7- 1/8  | 12.11              |
| 847-140CF*  | 14    | 15- 1/2  | 7- 3/8  | 14.71              |
| 847-160CF*  | 16    | 17- 7/8  | 9       | 24.00              |
| 847-180CF*  | 18    | 19-15/16 | 9-1/4   | 28.87              |
| 847-200CF*  | 20    | 22       | 14-1/4  | 45.81              |
| 847-240CF*  | 24    | 26-3/8   | 17-1/4  | 270.65             |

\* Fabricated

**Cap**  
 Fipt



| Part Number | Size  | M       | W       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|--------------------|
| 848-002C    | 1/4   | 13/16   | 13/16   | .01                |
| 848-003C    | 3/8   | 15/16   | 7/8     | .01                |
| 848-005C    | 1/2   | 1- 3/16 | 1- 1/16 | .03                |
| 848-007C    | 3/4   | 1- 3/8  | 1-3/32  | .04                |
| 848-010C    | 1     | 1-27/32 | 1- 7/16 | .10                |
| 848-012C    | 1-1/4 | 2- 7/32 | 1-17/32 | .15                |
| 848-015C    | 1-1/2 | 2-17/32 | 1-19/32 | .20                |
| 848-020C    | 2     | 3-1/16  | 1-13/16 | .29                |

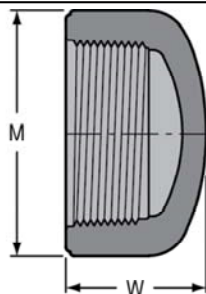


## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Cap

Fipt

(Continued)

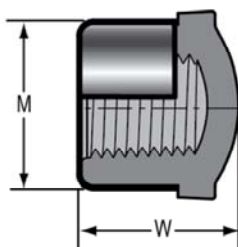


| Part Number | Size  | M        | W       | Approx. Wt. (Lbs.) |
|-------------|-------|----------|---------|--------------------|
| 848-025C    | 2-1/2 | 3-11/16  | 2-15/32 | .58                |
| 848-030C    | 3     | 4- 3/8   | 2- 7/16 | .77                |
| 848-040C    | 4     | 5-17/32  | 3       | 1.37               |
| 848-060CF*  | 6     | 7-3/16   | 4-3/8   | 2.20               |
| 848-080CF*  | 8     | 9-3/8    | 4-3/8   | 3.76               |
| 848-100CF*  | 10    | 11-5/8   | 5-3/4   | 6.38               |
| 848-120CF*  | 12    | 13-13/16 | 6-3/16  | 10.24              |

\* Fabricated

### Cap - Special Reinforced

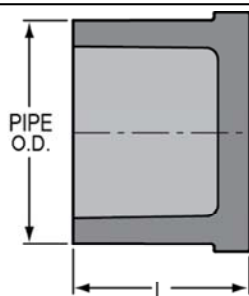
SR Fipt - Stainless Steel Collar



| Part Number | Size | M       | W       | Approx. Wt. (Lbs.) |
|-------------|------|---------|---------|--------------------|
| 848-002CSR  | 1/4  | 27/32   | 27/32   | .01                |
| 848-003CSR  | 3/8  | 31/32   | 29/32   | .02                |
| 848-005CSR  | 1/2  | 1-3/16  | 1-1/16  | .04                |
| 848-007CSR  | 3/4  | 1- 3/8  | 1- 3/32 | .05                |
| 848-030CSR  | 3    | 4- 9/32 | 2- 7/16 | .84                |

### Plug

Spigot



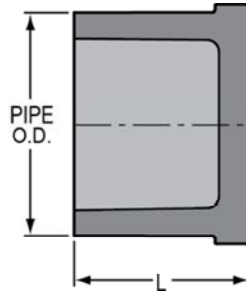
| Part Number | Size  | L       | Approx. Wt. (Lbs.) |
|-------------|-------|---------|--------------------|
| 849-005C    | 1/2   | 1-5/32  | .03                |
| 849-007C    | 3/4   | 1- 1/4  | .03                |
| 849-010C    | 1     | 1- 3/8  | .06                |
| 849-012C    | 1-1/4 | 1-17/32 | .10                |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**



**Plug**  
 Spigot

(Continued)

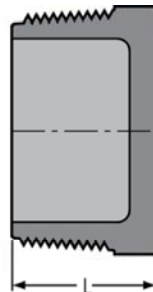


| Part Number             | Size  | L       | Approx. Wt.<br>(Lbs.) |
|-------------------------|-------|---------|-----------------------|
| 849-015C                | 1-1/2 | 1-11/16 | .14                   |
| 849-020C                | 2     | 1- 7/8  | .22                   |
| 849-025CF <sup>4*</sup> | 2-1/2 | 5- 3/8  | 1.12                  |
| 849-030CF <sup>4*</sup> | 3     | 5-7/8   | 1.55                  |
| 849-040CF <sup>4*</sup> | 4     | 6-15/16 | 2.66                  |
| 849-060CF <sup>4*</sup> | 6     | 9-5/8   | 6.75                  |
| 849-080CF <sup>4*</sup> | 8     | 12-3/16 | 13.50                 |
| 849-100CF <sup>4*</sup> | 10    | 12-1/4  | 17.99                 |
| 849-120CF <sup>4*</sup> | 12    | 14-1/8  | 28.85                 |
| 849-140CF <sup>4*</sup> | 14    | 15-3/8  | 39.91                 |
| 849-160CF <sup>4*</sup> | 16    | 18      | 57.90                 |
| 849-180CF <sup>4*</sup> | 18    | 19-1/4  | 74.02                 |
| 849-200CF <sup>4*</sup> | 20    | 25-1/4  | 76.91                 |
| 849-240CF <sup>4*</sup> | 24    | 30-1/4  | 208.48                |

<sup>4</sup> Plug fabricated using Cap and pipe spigot.

\* Fabricated

**Plug**  
 Mipt



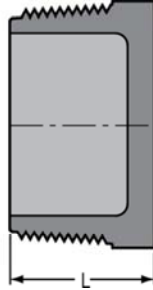
| Part Number             | Size  | L       | Approx. Wt.<br>(Lbs.) |
|-------------------------|-------|---------|-----------------------|
| 850-002C                | 1/4   | 23/32   | .01                   |
| 850-003C                | 3/8   | 3/4     | .01                   |
| 850-005C                | 1/2   | 27/32   | .01                   |
| 850-007C                | 3/4   | 7/8     | .02                   |
| 850-010C                | 1     | 1- 1/16 | .05                   |
| 850-012C                | 1-1/4 | 1-5/16  | .07                   |
| 850-015C                | 1-1/2 | 1-3/8   | .10                   |
| 850-020C                | 2     | 1- 3/8  | .16                   |
| 850-025C                | 2-1/2 | 1-13/16 | .29                   |
| 850-030C                | 3     | 1- 7/8  | .45                   |
| 850-040C                | 4     | 2-1/8   | .81                   |
| 850-060C                | 6     | 2- 3/32 | 1.79                  |
| 850-060CF <sup>4*</sup> | 6     | 7-1/2   | 5.50                  |
| 850-080C                | 8     | 2-13/32 | 3.53                  |



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Plug

Mipt



(Continued)

| Part Number             | Size | L       | Approx. Wt. (Lbs.) |
|-------------------------|------|---------|--------------------|
| 850-080CF <sup>4*</sup> | 8    | 9-11/16 | 12.18              |
| 850-100CF <sup>4*</sup> | 10   | 8- 7/16 | 13.76              |
| 850-120CF <sup>4*</sup> | 12   | 10-5/8  | 24.34              |

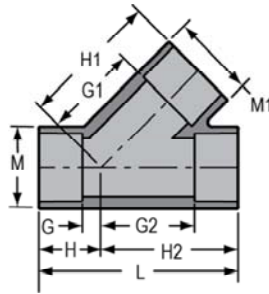
<sup>4</sup> Plug fabricated using Cap and threaded pipe.

\* Fabricated

### Wye

Socket x Socket x Socket

1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
2-1/2" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
8" -10" & All Fabricated Sizes - 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)  
12" 80 psi Maximum Internal Pressure Rating @ 73°F (23°C)



| Part Number             | Size  | G       | G1       | G2       | H        | H1       | H2       | L        | M        | M1       | Approx. Wt. (Lbs.) |
|-------------------------|-------|---------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|
| 875-005C                | 1/2   | 1/4     | 1-3/16   | 1-3/16   | 1-5/32   | 2- 1/16  | 2-1/16   | 3-7/32   | 1- 5/32  | 1- 5/32  | .12                |
| 875-007C                | 3/4   | 9/32    | 1-13/32  | 1-13/32  | 1-9/32   | 2-13/32  | 2-13/32  | 3-11/16  | 1- 3/8   | 1- 3/8   | .19                |
| 875-010C                | 1     | 11/32   | 1- 3/4   | 1- 3/4   | 1-15/32  | 2-7/8    | 2- 7/8   | 4-11/32  | 1-11/16  | 1-11/16  | .32                |
| 875-012C                | 1-1/4 | 13/32   | 2-3/16   | 2-3/16   | 1-21/32  | 3-15/32  | 3-15/32  | 5-1/8    | 2- 1/16  | 2- 1/16  | .52                |
| 875-015C                | 1-1/2 | 15/32   | 2-19/32  | 2-19/32  | 1-27/32  | 3-31/32  | 3-31/32  | 5-13/16  | 2-11/32  | 2-11/32  | .73                |
| 875-020C                | 2     | 5/8     | 3- 7/32  | 3- 7/32  | 2- 5/32  | 4-23/32  | 4-23/32  | 6- 7/8   | 2- 7/8   | 2- 7/8   | 1.27               |
| 875-025C                | 2-1/2 | 27/32   | 3-31/32  | 3-31/32  | 2-19/32  | 5-23/32  | 5-23/32  | 8- 5/16  | 3- 1/2   | 3- 1/2   | 2.04               |
| 875-030C                | 3     | 31/32   | 4- 3/4   | 4-3/4    | 2-7/8    | 6- 5/8   | 6-5/8    | 9- 1/2   | 4- 3/16  | 4- 3/16  | 3.12               |
| 875-040C                | 4     | 1-7/32  | 6- 1/32  | 6- 1/32  | 3-15/32  | 8- 9/32  | 8- 9/32  | 11-3/4   | 5- 1/4   | 5- 1/4   | 5.35               |
| 875-060C                | 6     | 1-13/32 | 8-21/32  | 8-1/16   | 4-13/32  | 11-21/32 | 11-1/16  | 15-15/32 | 7- 9/16  | 7- 9/16  | 13.21              |
| 875-080C                | 8     | 2-1/32  | 11-9/32  | 11-9/32  | 6-1/32   | 15-9/32  | 15-9/32  | 21- 5/16 | 9- 3/4   | 9- 3/4   | 28.12              |
| 875-080CF <sup>2*</sup> | 8     | 5- 1/16 | 15- 7/8  | 13-11/16 | 9- 5/16  | 20- 1/8  | 17-15/16 | 27- 1/4  | 9- 5/8   | 9- 5/8   | 37.70              |
| 875-100CF <sup>2*</sup> | 10    | 6- 1/2  | 18- 7/8  | 17- 1/4  | 11- 3/4  | 24- 1/8  | 22- 1/2  | 34- 1/4  | 11-15/16 | 11-15/16 | 73.03              |
| 875-120CF <sup>2*</sup> | 12    | 7- 1/8  | 21-13/16 | 19- 7/8  | 13- 3/8  | 28- 1/16 | 26- 1/8  | 39- 1/2  | 14- 1/8  | 14- 1/8  | 111.12             |
| 875-140CF <sup>2*</sup> | 14    | 9-13/16 | 23-13/16 | 23-13/16 | 16-13/16 | 30-13/16 | 30-13/16 | 47- 5/8  | 15- 1/2  | 15- 1/2  | 159.14             |
| 875-160CF <sup>2*</sup> | 16    | 10- 1/8 | 26- 1/8  | 26- 1/8  | 18- 1/8  | 34- 1/8  | 34- 1/8  | 52- 1/4  | 17-11/16 | 17-11/16 | 211.72             |
| 875-180CF <sup>2*</sup> | 18    | 10      | 29- 3/8  | 28       | 19       | 38- 3/8  | 37       | 56       | 19- 7/8  | 19- 7/8  | 292.03             |
| 875-200CF <sup>2*</sup> | 20    | 11-5/8  | 31-5/8   | 31-5/8   | 21-5/8   | 41-5/8   | 41-5/8   | 63-1/4   | 22-1/16  | 22-1/16  | 374.67             |
| 875-240CF <sup>2*</sup> | 24    | 14-1/4  | 38-1/4   | 38-1/4   | 26-1/4   | 50-1/4   | 50-1/4   | 76-1/2   | 26-7/16  | 26-7/16  | 719.95             |

<sup>2</sup> Fiberglass reinforced.

\* Fabricated

**Schedule 80 CPVC Technical**  
**Schedule 80 CPVC Fittings**



## Wye - Reducing

Socket x Socket x Socket

1/2" - 2" - 235 psi Maximum Internal Pressure

Rating @ 73°F (23°C) 2-1/2" - 6" - 150 psi

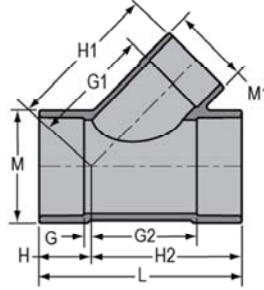
Maximum Internal Pressure Rating @ 73°F (23°

C) 8" - 10" & All Fabricated Sizes - 100 psi

Maximum Internal Pressure Rating @ 73°F (23°

C) 12" 80 psi Maximum Internal Pressure Rating

@ 73°F (23°C)



| Part Number             | Size        | G       | G1       | G2       | H       | H1       | H2       | L        | M        | M1      | Approx. Wt.<br>(Lbs.) |
|-------------------------|-------------|---------|----------|----------|---------|----------|----------|----------|----------|---------|-----------------------|
| 875-167C <sup>1</sup>   | 1-1/4X3/4   | 13/32   | 2-9/32   | 2-3/16   | 1-21/32 | 3-5/8    | 3-15/32  | 5- 1/8   | 2- 1/16  | 2- 1/16 | .62                   |
| 875-168C <sup>1</sup>   | 1-1/4X1     | 13/32   | 2-15/32  | 2-3/16   | 1-21/32 | 3-5/8    | 3-15/32  | 5- 1/8   | 2- 1/16  | 2- 1/16 | .59                   |
| 875-200CF <sup>2*</sup> | 20          | 11-5/8  | 31-5/8   | 31-5/8   | 21-5/8  | 41-5/8   | 41-5/8   | 63-1/4   | 22-1/16  | 22-1/16 | 374.67                |
| 875-210C <sup>1</sup>   | 1-1/2X3/4   | 1/2     | 3- 1/2   | 2- 9/16  | 1- 7/8  | 4- 1/2   | 3-15/16  | 5-13/16  | 2-11/32  | 2-11/32 | .90                   |
| 875-211C <sup>1</sup>   | 1-1/2X1     | 15/32   | 3        | 2-19/32  | 1-27/32 | 4-1/8    | 3-31/32  | 5-13/16  | 2-11/32  | 2-11/32 | .86                   |
| 875-212C <sup>1</sup>   | 1-1/2X1-1/4 | 15/32   | 2-7/8    | 2-19/32  | 1-27/32 | 4-1/8    | 3-31/32  | 5-13/16  | 2-11/32  | 2-11/32 | .80                   |
| 875-240CF <sup>2*</sup> | 24          | 14-1/4  | 38-1/4   | 38-1/4   | 26-1/4  | 50-1/4   | 50-1/4   | 76-1/2   | 26-7/16  | 26-7/16 | 719.95                |
| 875-248C <sup>1</sup>   | 2X3/4       | 5/8     | 4- 5/32  | 3- 7/32  | 2- 5/32 | 5- 5/32  | 4- 7/8   | 6- 7/8   | 2- 7/8   | 2- 7/8  | 1.55                  |
| 875-250C <sup>1</sup>   | 2X1-1/4     | 5/8     | 3-21/32  | 3-7/32   | 2- 5/32 | 4-15/16  | 4-23/32  | 6- 7/8   | 2- 7/8   | 2- 7/8  | 1.48                  |
| 875-251C <sup>1</sup>   | 2X1-1/2     | 5/8     | 3-3/4    | 3-7/32   | 2-5/32  | 5-1/8    | 4-23/32  | 6- 7/8   | 2- 7/8   | 2- 7/8  | 1.43                  |
| 875-335C <sup>1</sup>   | 3X1         | 31/32   | 5- 7/8   | 4-3/4    | 2-7/8   | 7-1/32   | 6-5/8    | 9-1/2    | 4- 3/16  | 4- 3/16 | 3.79                  |
| 875-336C <sup>1</sup>   | 3X1-1/4     | 31/32   | 5- 3/4   | 4-3/4    | 2-7/8   | 7-1/32   | 6-5/8    | 9-1/2    | 4- 3/16  | 4- 3/16 | 3.83                  |
| 875-337C <sup>1</sup>   | 3X1-1/2     | 31/32   | 5-3/4    | 4-3/4    | 2-7/8   | 7-1/32   | 6-5/8    | 9-1/2    | 4-3/16   | 4-3/16  | 3.79                  |
| 875-338C <sup>1</sup>   | 3X2         | 31/32   | 5-7/16   | 4- 3/4   | 2- 7/8  | 6-31/32  | 6- 5/8   | 9- 1/2   | 4- 3/16  | 4- 3/16 | 3.76                  |
| 875-339C <sup>1</sup>   | 3X2-1/2     | 31/32   | 4-15/16  | 4-3/4    | 2-7/8   | 7-1/32   | 6-5/8    | 9-1/2    | 4- 3/16  | 4- 3/16 | 3.53                  |
| 875-420C                | 4X2         | 3/32    | 4-7/8    | 4-15/32  | 2-5/32  | 6-3/8    | 6-3/4    | 8-29/32  | 5-1/4    | 2-7/8   | 3.13                  |
| 875-422C                | 4X3         | 5/8     | 5- 7/16  | 5-9/32   | 2-7/8   | 7- 5/16  | 7-1/2    | 10-3/8   | 5- 1/4   | 4-5/32  | 4.18                  |
| 875-528C <sup>1</sup>   | 6X2         | 0       | 8-23/32  | 6-11/16  | 3       | 10-1/4   | 9-11/16  | 12-11/16 | 7- 9/16  | 5- 7/16 | 11.18                 |
| 875-528CF <sup>2*</sup> | 6X2         | 1-15/16 | 9- 3/16  | 8- 9/16  | 5- 3/16 | 10-15/16 | 11-13/16 | 17       | 7- 1/2   | 2-13/16 | 12.18                 |
| 875-530C <sup>1</sup>   | 6X3         | 0       | 8-11/32  | 6-11/16  | 3       | 10- 1/4  | 9-11/16  | 12-11/16 | 7- 9/16  | 5-7/16  | 10.94                 |
| 875-530CF <sup>2*</sup> | 6X3         | 2-15/16 | 10- 5/16 | 9- 9/16  | 6- 3/16 | 12- 9/16 | 12-13/16 | 19       | 7- 1/2   | 4- 1/8  | 14.44                 |
| 875-532C                | 6X4         | 0       | 7-5/8    | 6-11/16  | 3       | 9-7/8    | 9-11/16  | 12-11/16 | 7- 9/16  | 5- 7/16 | 10.08                 |
| 875-578C <sup>1</sup>   | 8X2         | 15/32   | 10-3/16  | 8-1/4    | 3-17/32 | 11-23/32 | 12-1/4   | 15-25/32 | 9-23/32  | 5-1/4   | 16.42                 |
| 875-578CF <sup>2*</sup> | 8X2         | 7/8     | 10- 1/2  | 9- 1/2   | 5- 1/8  | 12- 1/4  | 13- 3/4  | 18- 7/8  | 9- 5/8   | 2-13/16 | 19.11                 |
| 875-579CF <sup>2*</sup> | 8X2-1/2     | 1- 7/16 | 10-15/16 | 10- 1/16 | 5-11/16 | 12-15/16 | 14- 5/16 | 20       | 9- 5/8   | 3- 7/16 | 18.51                 |
| 875-580CF <sup>2*</sup> | 8X3         | 1-15/16 | 11- 5/8  | 10- 9/16 | 6- 3/16 | 13- 7/8  | 14-13/16 | 21       | 9- 5/8   | 4- 1/8  | 21.71                 |
| 875-582C                | 8X4         | -15/32  | 9-1/16   | 8-1/4    | 3-17/32 | 11-5/16  | 12-1/4   | 15-3/4   | 9-23/32  | 5- 1/4  | 15.31                 |
| 875-582CF <sup>2*</sup> | 8X4         | 2-15/16 | 11- 7/8  | 11- 9/16 | 7- 3/16 | 14- 1/8  | 15-13/16 | 23       | 9- 5/8   | 5- 3/16 | 24.77                 |
| 875-585C <sup>1</sup>   | 8X6         | 2-1/32  | 12-11/16 | 11-9/32  | 6-1/32  | 15-11/16 | 15-9/32  | 21-5/16  | 9-3/4    | 9-3/4   | 33.48                 |
| 875-585CF <sup>2*</sup> | 8X6         | 4-15/16 | 13-15/16 | 13- 9/16 | 9- 3/16 | 17- 3/16 | 17-13/16 | 27       | 9- 5/8   | 7- 1/2  | 34.47                 |
| 875-621CF <sup>2*</sup> | 10X2        | 1/4     | 11- 7/8  | 10- 1/2  | 5       | 13- 5/8  | 15- 3/4  | 20- 3/4  | 11-15/16 | 2-13/16 | 29.82                 |
| 875-623CF <sup>2*</sup> | 10X3        | 3/4     | 13       | 11- 1/2  | 6       | 15- 1/4  | 16- 3/4  | 22- 3/4  | 11-15/16 | 4- 1/8  | 33.43                 |
| 875-624CF <sup>2*</sup> | 10X4        | 1- 3/4  | 13- 1/4  | 12- 1/2  | 7       | 15- 1/2  | 17- 3/4  | 24- 3/4  | 11-15/16 | 5- 3/16 | 36.89                 |
| 875-626C                | 10X6        | -3/16   | 11-29/32 | 11       | 4-13/16 | 14-15/16 | 16       | 20-13/16 | 12- 1/16 | 7-5/8   | 29.73                 |
| 875-626CF <sup>2*</sup> | 10X6        | 3- 3/4  | 15- 5/16 | 14- 1/2  | 9       | 18- 9/16 | 19- 3/4  | 28- 3/4  | 11-15/16 | 7- 1/2  | 47.48                 |
| 875-628C                | 10X8        | 1-7/16  | 12-7/8   | 12-7/16  | 6-7/16  | 16-7/8   | 17-7/16  | 23-7/8   | 12-3/32  | 9-3/4   | 37.73                 |
| 875-628CF <sup>2*</sup> | 10X8        | 5- 1/4  | 17- 1/4  | 16       | 10- 1/2 | 21- 1/2  | 21- 1/4  | 31- 3/4  | 11-15/16 | 9- 5/8  | 56.36                 |
| 875-661CF <sup>2*</sup> | 12X2        | 1- 5/16 | 13- 3/16 | 11- 7/16 | 4-15/16 | 14-15/16 | 17-11/16 | 22- 5/8  | 14- 1/8  | 2-13/16 | 44.03                 |
| 875-663CF <sup>2*</sup> | 12X3        | 1/8     | 14- 5/16 | 12- 7/8  | 6- 3/8  | 16- 9/16 | 19- 1/8  | 25- 1/2  | 14- 1/8  | 4- 1/8  | 44.74                 |
| 875-664CF <sup>2*</sup> | 12X4        | 5/8     | 14- 9/16 | 13- 3/8  | 6- 7/8  | 16-13/16 | 19- 5/8  | 26- 1/2  | 14- 1/8  | 5- 3/16 | 50.66                 |



## Schedule 80 CPVC Technical Schedule 80 CPVC Fittings

### Wye - Reducing

(Continued)

Socket x Socket x Socket

1/2" - 2" - 235 psi Maximum Internal Pressure

Rating @ 73°F (23°C) 2-1/2" - 6" - 150 psi

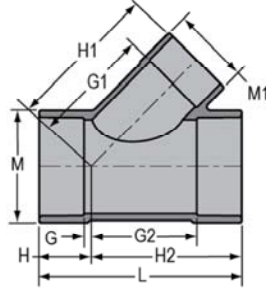
Maximum Internal Pressure Rating @ 73°F (23°

C) 8" -10" & All Fabricated Sizes - 100 psi

Maximum Internal Pressure Rating @ 73°F (23°

C) 12" 80 psi Maximum Internal Pressure Rating

@ 73°F (23°C)



| Part Number             | Size  | G      | G1       | G2       | H       | H1       | H2       | L        | M        | M1       | Approx. Wt. (Lbs.) |
|-------------------------|-------|--------|----------|----------|---------|----------|----------|----------|----------|----------|--------------------|
| 875-666CF <sup>2*</sup> | 12X6  | 2- 5/8 | 16- 5/8  | 15- 3/8  | 8- 7/8  | 19- 7/8  | 21- 5/8  | 30- 1/2  | 14- 1/8  | 7- 1/2   | 63.31              |
| 875-668CF <sup>2*</sup> | 12X8  | 4- 1/4 | 18- 9/16 | 17       | 10- 1/2 | 22-13/16 | 23- 1/4  | 33- 3/4  | 14- 1/8  | 9- 5/8   | 74.48              |
| 875-670CF <sup>2*</sup> | 12X10 | 5- 3/4 | 20- 3/16 | 18- 1/2  | 12      | 25- 7/16 | 24- 3/4  | 36- 3/4  | 14- 1/8  | 11-15/16 | 86.93              |
| 875-694CF <sup>2*</sup> | 14X4  | 1- 1/4 | 15- 5/16 | 15- 1/4  | 8- 1/4  | 17- 9/16 | 22- 1/4  | 30- 1/2  | 15- 1/2  | 5- 3/16  | 73.56              |
| 875-696CF <sup>2*</sup> | 14X6  | 2      | 17- 3/8  | 16       | 9       | 20- 5/8  | 23       | 32       | 15- 1/2  | 7- 1/2   | 83.85              |
| 875-698CF <sup>2*</sup> | 14X8  | 4- 1/4 | 19- 5/16 | 18- 1/4  | 11- 1/4 | 23- 9/16 | 25- 1/4  | 36- 1/2  | 15- 1/2  | 9- 5/8   | 93.92              |
| 875-700CF <sup>2*</sup> | 14X10 | 5-3/4  | 20-15/16 | 19-3/4   | 12-3/4  | 26-3/16  | 26-3/4   | 39-1/2   | 15-1/2   | 11-15/16 | 107.46             |
| 875-702CF <sup>2*</sup> | 14X12 | 7- 1/4 | 22- 9/16 | 21- 1/4  | 14- 1/4 | 28-13/16 | 28- 1/4  | 42- 1/2  | 15- 1/2  | 14- 1/8  | 133.37             |
| 875-754CF <sup>2*</sup> | 16X4  | 1- 1/8 | 16- 5/8  | 17- 1/8  | 9- 1/8  | 18- 7/8  | 25- 1/8  | 34- 1/4  | 17-11/16 | 5- 3/16  | 103.11             |
| 875-756CF <sup>2*</sup> | 16X6  | 1- 5/8 | 18-11/16 | 17- 5/8  | 9- 5/8  | 21-15/16 | 25- 5/8  | 35- 1/4  | 17-11/16 | 7- 1/2   | 107.53             |
| 875-758CF <sup>2*</sup> | 16X8  | 3- 5/8 | 20- 5/8  | 19- 5/8  | 11- 5/8 | 24- 7/8  | 27- 5/8  | 39- 1/4  | 17-11/16 | 9- 5/8   | 126.98             |
| 875-760CF <sup>2*</sup> | 16X10 | 5- 1/8 | 22- 1/4  | 21- 1/8  | 13- 1/8 | 27- 1/2  | 29- 1/8  | 42- 1/4  | 17-11/16 | 11-15/16 | 137.96             |
| 875-762CF <sup>2*</sup> | 16X12 | 6- 1/2 | 23- 7/8  | 22- 1/2  | 14- 1/2 | 30- 1/8  | 30- 1/2  | 45       | 17-11/16 | 14- 1/8  | 165.90             |
| 875-764CF <sup>2*</sup> | 16X14 | 7- 7/8 | 25- 1/8  | 23- 7/8  | 15- 7/8 | 32- 1/8  | 31- 7/8  | 47- 3/4  | 17-11/16 | 15- 1/2  | 167.10             |
| 875-784CF <sup>2*</sup> | 18X4  | 0      | 17- 7/8  | 18       | 9       | 20- 1/8  | 27       | 36       | 19- 7/8  | 5- 3/16  | 117.95             |
| 875-786CF <sup>2*</sup> | 18X6  | 3/8    | 20- 1/8  | 18- 9/16 | 9- 3/8  | 23- 3/8  | 27- 9/16 | 36-15/16 | 19- 7/8  | 7- 1/2   | 123.00             |
| 875-788CF <sup>2*</sup> | 18X8  | 3      | 21- 7/8  | 21       | 12      | 26- 1/8  | 30       | 42       | 19- 7/8  | 9- 5/8   | 144.88             |
| 875-790CF <sup>2*</sup> | 18X10 | 4- 1/2 | 23- 1/2  | 22- 1/2  | 13- 1/2 | 28- 3/4  | 31- 1/2  | 45       | 19- 7/8  | 11-15/16 | 197.59             |
| 875-792CF <sup>2*</sup> | 18X12 | 6      | 25- 1/8  | 24       | 15      | 31- 3/8  | 33       | 48       | 19- 7/8  | 14- 1/8  | 187.12             |
| 875-794CF <sup>2*</sup> | 18X14 | 7      | 26- 3/8  | 25       | 16      | 33- 3/8  | 34       | 50       | 19- 7/8  | 15- 1/2  | 211.64             |
| 875-796CF <sup>2*</sup> | 18X16 | 8- 1/2 | 27- 3/8  | 26- 1/2  | 17- 1/2 | 35- 3/8  | 35- 1/2  | 53       | 19- 7/8  | 17-11/16 | 225.07             |

<sup>1</sup> Sized with Bushing

<sup>2</sup> Fiberglass reinforced.

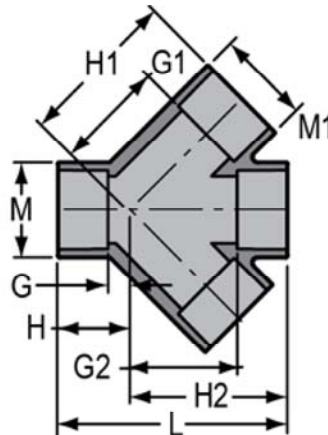
\* Fabricated

### Double Wye

Socket x Socket x Socket x Socket

100 psi Maximum internal Pressure Rating @ 73°

F (23°C)



| Part Number             | Size | G       | G1    | G2     | H       | H1     | H2      | L      | M      | M1     | Approx. Wt. (Lbs.) |
|-------------------------|------|---------|-------|--------|---------|--------|---------|--------|--------|--------|--------------------|
| 876-020CF <sup>2*</sup> | 2    | 3-15/16 | 5-5/8 | 6-5/16 | 5- 7/16 | 7-3/16 | 7-13/16 | 13-1/4 | 2- 7/8 | 2- 7/8 | 4.84               |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings**

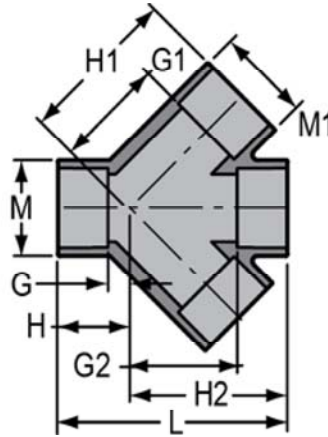


## Double Wye

(Continued)

Socket x Socket x Socket x Socket

100 psi Maximum internal Pressure Rating @ 73°  
F (23°C)



| Part Number             | Size | G       | G1       | G2       | H       | H1       | H2       | L        | M        | M1       | Approx. Wt.<br>(Lbs.) |
|-------------------------|------|---------|----------|----------|---------|----------|----------|----------|----------|----------|-----------------------|
| 876-030CF <sup>2*</sup> | 3    | 4-3/4   | 8-1/4    | 8-1/4    | 6-5/8   | 10-3/16  | 10-3/16  | 16-13/16 | 4- 3/16  | 4- 3/16  | 10.11                 |
| 876-040CF <sup>2*</sup> | 4    | 4-11/16 | 9- 3/16  | 9- 3/16  | 6-15/16 | 11- 7/16 | 11- 7/16 | 18- 3/8  | 5- 3/16  | 5- 3/16  | 13.41                 |
| 876-060CF <sup>2*</sup> | 6    | 4-15/16 | 12- 5/8  | 11- 9/16 | 8- 3/16 | 15- 7/8  | 14-13/16 | 23       | 7- 1/2   | 7- 1/2   | 30.18                 |
| 876-080CF <sup>2*</sup> | 8    | 5- 1/16 | 15- 7/8  | 13-11/16 | 9- 5/16 | 20- 1/8  | 17-15/16 | 27- 1/4  | 9- 5/8   | 9- 5/8   | 53.78                 |
| 876-100CF <sup>2*</sup> | 10   | 6- 1/2  | 18- 7/8  | 17- 1/4  | 11- 3/4 | 24- 1/8  | 22- 1/2  | 34- 1/4  | 11-15/16 | 11-15/16 | 93.99                 |
| 876-120CF <sup>2*</sup> | 12   | 7- 1/8  | 21-13/16 | 19- 7/8  | 13- 3/8 | 28- 1/16 | 26- 1/8  | 39- 1/2  | 14- 1/8  | 14- 1/8  | 149.18                |

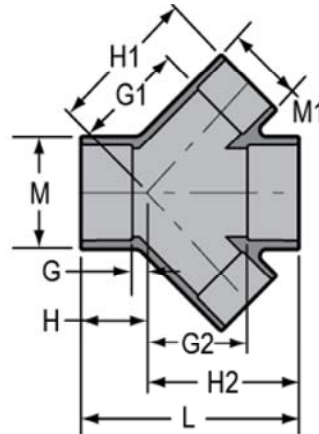
<sup>2</sup> Fiberglass reinforced.

\* Fabricated

## Double Wye - Reducing

Socket x Socket x Socket x Socket

Size 3" is 150 psi, all Fabricated Sizes- 100 psi  
Maximum Internal Pressure Rating @ 73°F (23°  
C)



| Part Number             | Size    | G       | G1       | G2       | H       | H1       | H2       | L       | M       | M1      | Approx. Wt.<br>(Lbs.) |
|-------------------------|---------|---------|----------|----------|---------|----------|----------|---------|---------|---------|-----------------------|
| 876-338C                | 3X2     | 3/16    | 4- 1/4   | 4        | 2-1/16  | 5- 3/4   | 5-7/8    | 7-15/16 | 4- 3/16 | 2- 7/8  | 2.39                  |
| 876-420CF <sup>2*</sup> | 4X2     | 2-1/4   | 7-13/16  | 6-3/4    | 4-1/2   | 9-9/16   | 9        | 13-1/2  | 5-3/16  | 2-13/16 | 7.15                  |
| 876-421CF <sup>2*</sup> | 4X2-1/2 | 1-7/8   | 8-1/4    | 6-3/8    | 4-1/8   | 10-1/4   | 8-5/8    | 12-3/4  | 5-3/16  | 3-7/16  | 5.85                  |
| 876-422CF <sup>2*</sup> | 4X3     | 4-11/16 | 9-15/16  | 9- 3/16  | 6-15/16 | 11-7/8   | 11- 7/16 | 18- 3/8 | 5- 3/16 | 5- 3/16 | 15.13                 |
| 876-528CF <sup>2*</sup> | 6X2     | 1-15/16 | 9- 3/16  | 8- 9/16  | 5- 3/16 | 10-15/16 | 11-13/16 | 17      | 7- 1/2  | 2-13/16 | 13.76                 |
| 876-529CF <sup>2*</sup> | 6X2-1/2 | 2- 7/16 | 9- 5/8   | 9- 1/16  | 5-11/16 | 11- 5/8  | 12- 5/16 | 18      | 7- 1/2  | 3- 7/16 | 12.11                 |
| 876-530CF <sup>2*</sup> | 6X3     | 2-15/16 | 10- 5/16 | 9- 9/16  | 6- 3/16 | 12- 9/16 | 12-13/16 | 19      | 7- 1/2  | 4- 1/8  | 16.03                 |
| 876-532CF <sup>2*</sup> | 6X4     | 3-15/16 | 10- 9/16 | 10- 9/16 | 7- 3/16 | 12-13/16 | 13-13/16 | 21      | 7- 1/2  | 5- 3/16 | 19.77                 |
| 876-578CF <sup>2*</sup> | 8X2     | 7/8     | 10- 1/2  | 9- 1/2   | 5- 1/8  | 12- 1/4  | 13- 3/4  | 18- 7/8 | 9- 5/8  | 2-13/16 | 17.20                 |
| 876-579CF <sup>2*</sup> | 8X2-1/2 | 1- 7/16 | 10-15/16 | 10- 1/16 | 5-11/16 | 12-15/16 | 14- 5/16 | 20      | 9- 5/8  | 3- 7/16 | 19.56                 |
| 876-580CF <sup>2*</sup> | 8X3     | 1-15/16 | 11- 5/8  | 10- 9/16 | 6- 3/16 | 13- 7/8  | 14-13/16 | 21      | 9- 5/8  | 4- 1/8  | 25.11                 |
| 876-582CF <sup>2*</sup> | 8X4     | 2-15/16 | 11- 7/8  | 11- 9/16 | 7- 3/16 | 14- 1/8  | 15-13/16 | 23      | 9- 5/8  | 5- 3/16 | 28.85                 |

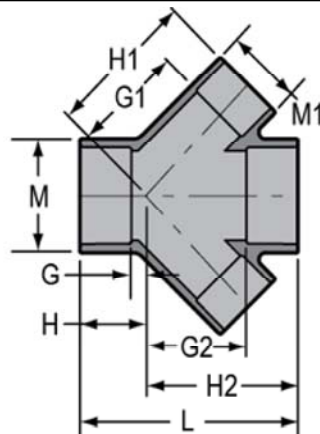


Schedule 80 CPVC Technical  
**Schedule 80 CPVC Fittings & Schedule 80 CPVC Unions**

## Double Wye - Reducing

Socket x Socket x Socket x Socket

Size 3" is 150 psi, all Fabricated Sizes- 100 psi  
Maximum Internal Pressure Rating @ 73°F (23°C)



(Continued)

| Part Number            | Size     | G       | G1       | G2       | H       | H1       | H2       | L       | M        | M1       | Approx. Wt. (Lbs.) |
|------------------------|----------|---------|----------|----------|---------|----------|----------|---------|----------|----------|--------------------|
| 876-585CF <sup>2</sup> | 8X6      | 4-15/16 | 13-15/16 | 13- 9/16 | 9- 3/16 | 17- 3/16 | 17-13/16 | 27      | 9- 5/8   | 7- 1/2   | 41.47              |
| 876-621CF <sup>2</sup> | 10X2     | 1/4     | 11- 7/8  | 10- 1/2  | 5       | 13- 5/8  | 15- 3/4  | 20- 3/4 | 11-15/16 | 2-13/16  | 26.33              |
| 876-622CF <sup>2</sup> | 10X2-1/2 | 1/8     | 12- 5/16 | 10- 7/8  | 5- 3/8  | 14- 5/16 | 16- 1/8  | 21- 1/2 | 11-15/16 | 3- 7/16  | 28.27              |
| 876-623CF <sup>2</sup> | 10X3     | 3/4     | 13       | 11- 1/2  | 6       | 15- 1/4  | 16- 3/4  | 22- 3/4 | 11-15/16 | 4- 1/8   | 24.66              |
| 876-624CF <sup>2</sup> | 10X4     | 1- 3/4  | 13- 1/4  | 12- 1/2  | 7       | 15- 1/2  | 17- 3/4  | 24- 3/4 | 11-15/16 | 5- 3/16  | 35.90              |
| 876-626CF <sup>2</sup> | 10X6     | 3- 3/4  | 15- 5/16 | 14- 1/2  | 9       | 18- 9/16 | 19- 3/4  | 28- 3/4 | 11-15/16 | 7- 1/2   | 46.54              |
| 876-628CF <sup>2</sup> | 10X8     | 5- 1/4  | 17- 1/4  | 16       | 10- 1/2 | 21- 1/2  | 21- 1/4  | 31- 3/4 | 11-15/16 | 9- 5/8   | 70.04              |
| 876-661CF <sup>2</sup> | 12X2     | 1- 5/16 | 13- 3/16 | 11- 7/16 | 4-15/16 | 14-15/16 | 17-11/16 | 22- 5/8 | 14- 1/8  | 2-13/16  | 39.61              |
| 876-662CF <sup>2</sup> | 12X2-1/2 | 15/16   | 13- 5/8  | 11-13/16 | 5- 5/16 | 15- 5/8  | 18- 1/16 | 23- 3/8 | 14- 1/8  | 3- 7/16  | 41.99              |
| 876-663CF <sup>2</sup> | 12X3     | 1/8     | 14-15/16 | 12- 7/8  | 6- 3/8  | 16- 9/16 | 19- 1/8  | 25- 1/2 | 14- 1/8  | 4- 1/8   | 46.17              |
| 876-664CF <sup>2</sup> | 12X4     | 5/8     | 14- 9/16 | 13- 3/8  | 6- 7/8  | 16-13/16 | 19- 5/8  | 26- 1/2 | 14- 1/8  | 5- 3/16  | 49.77              |
| 876-666CF <sup>2</sup> | 12X6     | 2- 5/8  | 16- 5/8  | 15- 3/8  | 8- 7/8  | 19- 7/8  | 21- 5/8  | 30- 1/2 | 14- 1/8  | 7- 1/2   | 63.29              |
| 876-668CF <sup>2</sup> | 12X8     | 4- 1/4  | 18- 9/16 | 17       | 10- 1/2 | 22-13/16 | 23- 1/4  | 33- 3/4 | 14- 1/8  | 9- 5/8   | 79.18              |
| 876-670CF <sup>2</sup> | 12X10    | 5- 3/4  | 20- 3/16 | 18- 1/2  | 12      | 25- 7/16 | 24- 3/4  | 36- 3/4 | 14- 1/8  | 11-15/16 | 102.16             |

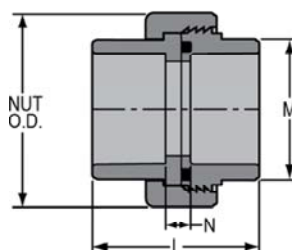
<sup>2</sup> Fiberglass reinforced.

\* Fabricated

## Union 2000 - Socket/FKM

Socket x Socket with FKM O-ring Seal

Dimensions Also Applicable to  
8097-XXXC EPDM O-Ring Seals



Pressure Rating  
1/4" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N      | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|--------|----------|--------------------|
| 857-002C    | 1/4   | 1-15/16 | 29/32   | 11/16  | 1-21/32  | .09                |
| 857-003C    | 3/8   | 2- 5/32 | 1-1/16  | 5/8    | 1-25/32  | .11                |
| 8057-005C   | 1/2   | 2- 3/32 | 1- 3/16 | 5/16   | 1-15/16  | .12                |
| 8057-007C   | 3/4   | 2- 3/8  | 1-3/8   | 3/8    | 2-3/8    | .20                |
| 8057-010C   | 1     | 2-11/16 | 1-23/32 | 13/32  | 2-21/32  | .28                |
| 8057-012C   | 1-1/4 | 2-15/16 | 2- 3/32 | 1-3/32 | 3- 3/32  | .41                |
| 8057-015C   | 1-1/2 | 3- 1/4  | 2-11/32 | 1/2    | 3-19/32  | .54                |
| 8057-020C   | 2     | 3-9/16  | 2- 7/8  | 17/32  | 4-5/16   | .90                |
| 8057-025C   | 2-1/2 | 4- 7/32 | 3- 1/2  | 11/16  | 6-3/16   | 2.25               |
| 8057-030C   | 3     | 4-5/16  | 4-5/32  | 17/32  | 6-3/16   | 2.27               |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Unions**

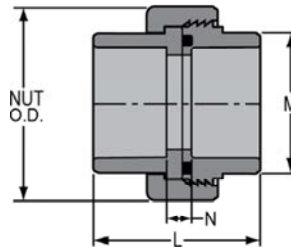


### Union 2000 - Socket/FKM

(Continued)

Socket x Socket with FKM O-ring Seal

Dimensions Also Applicable to  
8097-XXXC EPDM O-Ring Seals



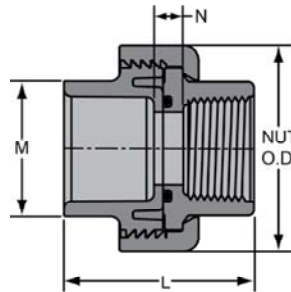
Pressure Rating  
1/4" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size | L       | M       | N     | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|------|---------|---------|-------|----------|--------------------|
| 8057-040C   | 4    | 5-3/16  | 5- 1/4  | 21/32 | 7- 3/4   | 4.02               |
| 8057-060C   | 6    | 6-29/32 | 7-21/32 | 27/32 | 11- 5/8  | 12.44              |

### Union 2000 - Socket/Fipt/FKM

Socket x Fipt with FKM O-ring Seal

Dimensions Also Applicable to  
8099-XXXC EPDM O-Ring Seals



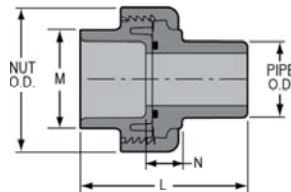
Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 8059-005C   | 1/2   | 1-7/8   | 1-3/16  | 5/16    | 1-15/16  | .12                |
| 8059-007C   | 3/4   | 2- 1/16 | 1-3/8   | 3/8     | 2-3/8    | .19                |
| 8059-010C   | 1     | 2-7/16  | 1-11/16 | 1/2     | 2-21/32  | .27                |
| 8059-012C   | 1-1/4 | 2-5/8   | 2-1/16  | 1/2     | 3-3/16   | .40                |
| 8059-015C   | 1-1/2 | 2-13/16 | 2-11/32 | 17/32   | 3-19/32  | .53                |
| 8059-020C   | 2     | 3       | 2- 7/8  | 9/16    | 4-5/16   | .88                |
| 8059-025C   | 2-1/2 | 3-15/32 | 3- 1/2  | 13/32   | 6- 3/16  | 2.28               |
| 8059-030C   | 3     | 3-13/16 | 4-5/32  | 5/8     | 6-3/16   | 2.26               |
| 8059-040C   | 4     | 4- 3/8  | 5- 1/4  | 11/16   | 7- 3/4   | 3.85               |
| 8059-060C   | 6     | 6-27/32 | 7-21/32 | 1-17/32 | 11- 5/8  | 11.98              |

### Union 2000 - Socket/Spigot/FKM

Socket x Spigot with FKM O-ring Seal

Dimensions Also Applicable to  
8096-XXXC EPDM O-Ring Seals



Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

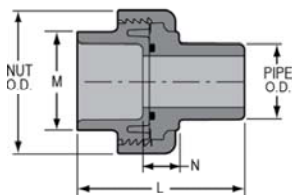
| Part Number | Size  | L       | M       | N     | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|-------|----------|--------------------|
| 8056-005C   | 1/2   | 2-11/32 | 1- 3/16 | 9/16  | 1-15/16  | .13                |
| 8056-007C   | 3/4   | 2- 5/8  | 1- 3/8  | 19/32 | 2-3/8    | .20                |
| 8056-010C   | 1     | 2-15/16 | 1-23/32 | 11/16 | 2-21/32  | .29                |
| 8056-012C   | 1-1/4 | 3- 7/32 | 2- 3/32 | 11/16 | 3- 3/16  | .43                |
| 8056-015C   | 1-1/2 | 3- 1/2  | 2-11/32 | 23/32 | 3-19/32  | .55                |
| 8056-020C   | 2     | 3-25/32 | 2- 7/8  | 3/4   | 4- 5/16  | .92                |



## Schedule 80 CPVC Technical Schedule 80 CPVC Unions

### Union 2000 - Socket/Spigot/FKM

Socket x Spigot with FKM O-ring Seal  
Dimensions Also Applicable to  
8096-XXXC EPDM O-Ring Seals



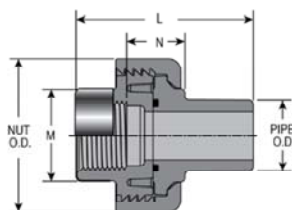
Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

(Continued)

| Part Number | Size  | L       | M       | N      | NUT O.D. | Approx. Wt.<br>(Lbs.) |
|-------------|-------|---------|---------|--------|----------|-----------------------|
| 8056-025C   | 2-1/2 | 4-21/32 | 3-1/2   | 1-1/8  | 6-3/16   | 2.32                  |
| 8056-030C   | 3     | 4-3/4   | 4- 5/32 | 31/32  | 6-3/16   | 2.35                  |
| 8056-040C   | 4     | 5- 5/8  | 5- 1/4  | 1- 1/8 | 7-23/32  | 4.09                  |
| 8056-060C   | 6     | 7-5/8   | 7- 9/16 | 1- 1/2 | 11-11/16 | 12.86                 |

### Union 2000 - Special Reinforced Fipt/Spigot/FKM

SR Fipt x Spigot with FKM O-ring Seal  
Dimensions Also Applicable to  
8095-XXXCSR EPDM O-Ring Seals

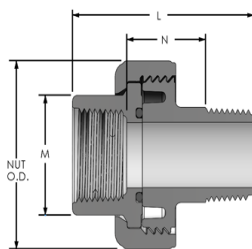


Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt.<br>(Lbs.) |
|-------------|-------|---------|---------|---------|----------|-----------------------|
| 8055-005CSR | 1/2   | 2-13/32 | 1-7/32  | 25/32   | 1-15/16  | .14                   |
| 8055-007CSR | 3/4   | 2-21/32 | 1-3/8   | 29/32   | 2-3/8    | .22                   |
| 8055-010CSR | 1     | 3-1/16  | 1-23/32 | 1-1/16  | 2-21/32  | .34                   |
| 8055-012CSR | 1-1/4 | 3-5/16  | 2-3/32  | 1-1/16  | 3-3/16   | .47                   |
| 8055-015CSR | 1-1/2 | 3-15/32 | 2-7/16  | 1-3/32  | 3-19/32  | .61                   |
| 8055-020CSR | 2     | 3-31/32 | 3-1/32  | 1-15/32 | 4-5/16   | 1.02                  |
| 8055-025CSR | 2-1/2 | 4-9/32  | 3-19/32 | 1-27/32 | 6-3/16   | 2.51                  |
| 8055-030CSR | 3     | 5-1/8   | 4-9/32  | 1-27/32 | 6-3/16   | 2.59                  |
| 8055-040CSR | 4     | 6       | 5-1/4   | 2-7/32  | 7-3/4    | 4.38                  |
| 8055-060CSR | 6     | 7-19/32 | 7-19/32 | 2-7/8   | 11-5/8   | 13.16                 |

### Union 2000 - Fipt/Mipt/FKM

Fipt x Mipt with FKM O-ring Seal  
Dimensions Also Applicable to  
8093-XXXCSR EPDM O-Ring Seals



Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L      | M       | N      | NUT O.D. | Approx. Wt.<br>(Lbs.) |
|-------------|-------|--------|---------|--------|----------|-----------------------|
| 8053-005C   | 1/2   | 2-3/8  | 1-3/16  | 1-1/16 | 1-15/16  | .13                   |
| 8053-007C   | 3/4   | 2-9/16 | 1-3/8   | 1-1/4  | 2-3/8    | .20                   |
| 8053-010C   | 1     | 3      | 1-11/16 | 1-3/8  | 2-21/32  | .29                   |
| 8053-012C   | 1-1/4 | 3-5/16 | 2-1/16  | 1-7/16 | 3-3/16   | .43                   |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Unions**

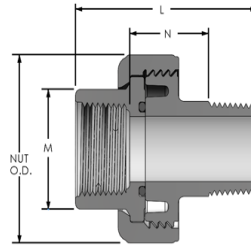


**Union 2000 - Fipt/Mipt/FKM**

(Continued)

Fipt x Mipt with FKM O-ring Seal

Dimensions Also Applicable to  
8093-XXXCSR EPDM O-Ring Seals



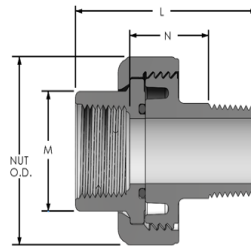
Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 8053-015C   | 1-1/2 | 3-1/2   | 2-13/32 | 1-5/8   | 3-19/32  | .57                |
| 8053-020C   | 2     | 4-15/16 | 3       | 1-15/16 | 4-5/16   | .99                |
| 8053-030C   | 3     | 5-7/16  | 4-9/32  | 2-7/16  | 6-3/16   | 2.57               |

**Union 2000 - Fipt/Mipt/FKM-Reducing**

Fipt x Mipt with FKM O-ring Seal

Dimensions Also Applicable to  
8094-XXXCSR EPDM O-Ring Seals



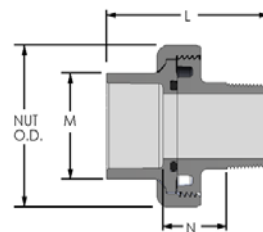
Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size    | L     | M      | N      | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|---------|-------|--------|--------|----------|--------------------|
| 8053-168C   | 1-1/4X1 | 3-1/8 | 2-1/16 | 1-7/16 | 3-3/16   | .41                |

**Union 2000 - Socket/Mipt/FKM**

Socket x Mipt with FKM O-ring Seal

Dimensions Also Applicable to  
8094-XXXCSR EPDM O-Ring Seals



Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N      | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|--------|----------|--------------------|
| 8054-005C   | 1/2   | 2-9/16  | 1-3/16  | 1-1/16 | 1-15/16  | .13                |
| 8054-007C   | 3/4   | 2-13/16 | 1-3/8   | 1-3/16 | 2-3/8    | .21                |
| 8054-010C   | 1     | 3-3/16  | 1-23/32 | 1-1/4  | 2-21/32  | .29                |
| 8054-012C   | 1-1/4 | 3-5/8   | 2-3/32  | 1-3/8  | 3-3/16   | .44                |
| 8054-015C   | 1-1/2 | 3-15/16 | 2-11/32 | 1-9/16 | 3-19/32  | .59                |
| 8054-020C   | 2     | 4-1/2   | 2-7/8   | 1-7/8  | 4-5/16   | 1.01               |
| 8054-030C   | 3     | 5-7/8   | 4-5/32  | 2-3/8  | 6-3/16   | 2.59               |

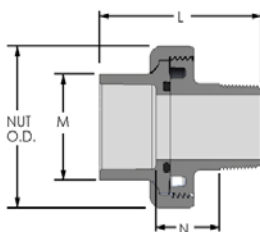


## Schedule 80 CPVC Technical Schedule 80 CPVC Unions

### Union 2000 - Socket/Mipt/FKM-Reducing

Socket x Mipt with FKM O-ring Seal

Dimensions Also Applicable to  
8093-XXXCSR EPDM O-Ring Seals



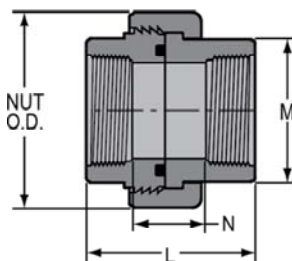
Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size    | L      | M      | N     | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|---------|--------|--------|-------|----------|--------------------|
| 8054-168C   | 1-1/4X1 | 3-7/16 | 2-3/32 | 1-3/8 | 3-3/16   | .42                |

### Union 2000 - Fipt/FKM

Fipt x Fipt with FKM O-ring Seal

Dimensions Also Applicable to  
8098-XXXC EPDM O-Ring Seals



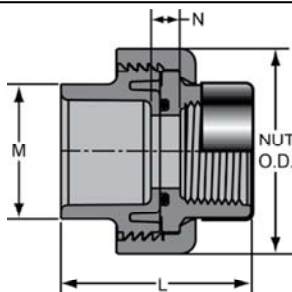
Pressure Rating  
1/4" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 858-002C    | 1/4   | 1-15/16 | 15/16   | 3/4     | 1-21/32  | .10                |
| 858-003C    | 3/8   | 2-5/32  | 1- 1/32 | 31/32   | 1-25/32  | .13                |
| 8058-005C   | 1/2   | 1-29/32 | 1- 3/16 | 17/32   | 1- 7/8   | .13                |
| 8058-007C   | 3/4   | 2-3/32  | 1- 3/8  | 3/4     | 2-3/8    | .20                |
| 8058-010C   | 1     | 2-9/16  | 1-11/16 | 29/32   | 2- 9/16  | .29                |
| 8058-012C   | 1-1/4 | 2-23/32 | 2-1/16  | 7/8     | 3-3/16   | .42                |
| 8058-015C   | 1-1/2 | 2-3/16  | 2- 3/8  | 1       | 3-19/32  | .56                |
| 8058-020C   | 2     | 3-3/16  | 3       | 1-1/4   | 4-5/16   | .94                |
| 8058-025C   | 2-1/2 | 4-1/16  | 3- 9/16 | 1-15/32 | 6-3/16   | 2.41               |
| 8058-030C   | 3     | 4-3/16  | 4- 9/32 | 1-1/2   | 6-3/16   | 2.48               |
| 8058-040C   | 4     | 4-11/16 | 5- 1/4  | 1-13/16 | 7- 3/4   | 4.05               |
| 8058-060C   | 6     | 6-7/32  | 7-21/32 | 2-13/16 | 11-5/8   | 12.14              |

### Union 2000 - Socket/Special Reinforced Fipt/FKM

Socket x SR Fipt with FKM O-ring Seal

Dimensions Also Applicable to  
8099-XXXCSR EPDM O-Ring Seals



Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N     | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|-------|----------|--------------------|
| 8059-005CSR | 1/2   | 1-29/32 | 1- 3/16 | 9/32  | 1-15/16  | .13                |
| 8059-007CSR | 3/4   | 2-3/32  | 1-3/8   | 11/32 | 2-3/8    | .20                |
| 8059-010CSR | 1     | 2-15/32 | 1-23/32 | 13/32 | 2-21/32  | .29                |
| 8059-012CSR | 1-1/4 | 2-21/32 | 2- 3/32 | 7/16  | 3-7/32   | .42                |
| 8059-015CSR | 1-1/2 | 2-27/32 | 2-11/32 | 1/2   | 3-19/32  | .56                |

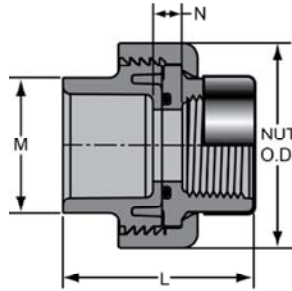
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Unions**



**Union 2000 - Socket/Special Reinforced Fipt/FKM**

(Continued)

Socket x SR Fipt with FKM O-ring Seal  
Dimensions Also Applicable to  
8099-XXXCSR EPDM O-Ring Seals

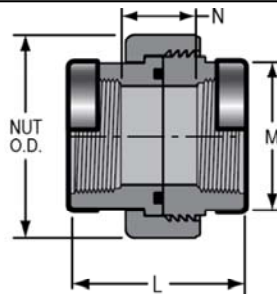


Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 8059-020CSR | 2     | 3-1/32  | 2- 7/8  | 1/2     | 4-5/16   | .92                |
| 8059-025CSR | 2-1/2 | 3-27/32 | 3-1/2   | 3/4     | 6- 3/16  | 2.32               |
| 8059-030CSR | 3     | 3-13/16 | 4-5/32  | 1/2     | 6-3/16   | 2.34               |
| 8059-040CSR | 4     | 4-11/32 | 5- 1/4  | 5/8     | 7- 3/4   | 3.95               |
| 8059-060CSR | 6     | 6-1/4   | 7-21/32 | 1-17/32 | 11-9/16  | 12.13              |

**Union 2000 - Special Reinforced Fipt/FKM**

SR Fipt x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar  
Dimensions Also Applicable to  
8098-XXXCSR EPDM O-Ring Seals

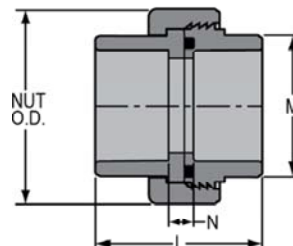


Pressure Rating  
1/2" - 4" 235 psi @ 73°F  
6" 150 PSI @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 8058-005CSR | 1/2   | 2       | 1-7/32  | 9/16    | 1-15/16  | .15                |
| 8058-007CSR | 3/4   | 2-1/8   | 1- 3/8  | 23/32   | 2-3/8    | .22                |
| 8058-010CSR | 1     | 2-19/32 | 1-23/32 | 29/32   | 2-21/32  | .34                |
| 8058-012CSR | 1-1/4 | 2-3/4   | 2-3/32  | 29/32   | 3-3/16   | .46                |
| 8058-015CSR | 1-1/2 | 2-27/32 | 2-7/16  | 1-1/32  | 3-19/32  | .62                |
| 8058-020CSR | 2     | 3-3/16  | 3- 1/32 | 1-9/32  | 4-5/32   | 1.02               |
| 8058-025CSR | 2-1/2 | 4-3/32  | 3-19/32 | 1-9/16  | 6-3/16   | 2.51               |
| 8058-030CSR | 3     | 4-7/32  | 4- 9/32 | 1-1/2   | 6-3/16   | 2.58               |
| 8058-040CSR | 4     | 4-3/4   | 5- 1/4  | 1-13/16 | 7-3/4    | 4.24               |
| 8058-060CSR | 6     | 6-1/4   | 7-19/32 | 2-31/32 | 11- 5/8  | 12.43              |

**Union (Old Style) - Socket/FKM**

Socket x Socket with FKM O-ring Seal  
Dimensions Also Applicable to  
897-XXXC EPDM O-Ring Seals



Pressure Rating  
235 psi @ 73°F

| Part Number | Size | L       | M       | N     | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|------|---------|---------|-------|----------|--------------------|
| 857-005C    | 1/2  | 2-1/16  | 1- 9/32 | 5/16  | 1-31/32  | .15                |
| 857-007C    | 3/4  | 2-13/32 | 1-17/32 | 11/32 | 2- 1/2   | .28                |
| 857-010C    | 1    | 2- 9/16 | 1-7/8   | 5/16  | 2- 7/8   | .39                |

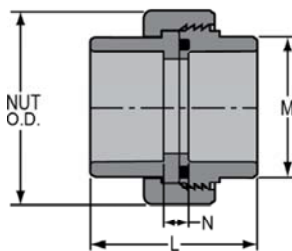


## Schedule 80 CPVC Technical Schedule 80 CPVC Unions

### Union (Old Style) - Socket/FKM

Socket x Socket with FKM O-ring Seal

Dimensions Also Applicable to  
897-XXXC EPDM O-Ring Seals



Pressure Rating  
235 psi @ 73°F

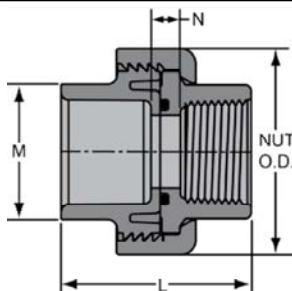
(Continued)

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 857-012C    | 1-1/4 | 2- 7/8  | 2- 7/32 | 11/32   | 3- 5/16  | .52                |
| 857-015C    | 1-1/2 | 3-5/32  | 2- 9/16 | 15/32   | 3-17/32  | .64                |
| 857-020C    | 2     | 3- 5/8  | 3-1/16  | 9/16    | 4- 3/16  | 1.01               |
| 857-025C    | 2-1/2 | 4- 3/8  | 3- 5/8  | 7/8     | 4- 7/8   | 1.58               |
| 857-030C    | 3     | 5       | 4- 3/8  | 1-7/32  | 5- 3/4   | 2.51               |
| 857-040C    | 4     | 5-27/32 | 5-13/32 | 1-11/32 | 7- 1/8   | 3.97               |

### Union (Old Style) - Socket/Fipt/FKM

Socket x Fipt with FKM O-ring Seal

Dimensions Also Applicable to  
899-XXXC EPDM O-Ring Seals



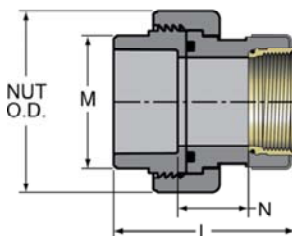
Pressure Rating  
235 psi @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 859-005C    | 1/2   | 2-1/16  | 1-5/16  | 7/16    | 1-31/32  | .16                |
| 859-007C    | 3/4   | 2-13/32 | 1-17/32 | 19/32   | 2- 1/2   | .29                |
| 859-010C    | 1     | 2- 9/16 | 1-7/8   | 7/16    | 2- 7/8   | .40                |
| 859-012C    | 1-1/4 | 2- 7/8  | 2-1/4   | 19/32   | 3- 5/16  | .54                |
| 859-015C    | 1-1/2 | 3-3/16  | 2-9/16  | 27/32   | 3- 9/16  | .66                |
| 859-020C    | 2     | 3- 5/8  | 3-1/16  | 1-1/8   | 4- 3/16  | 1.06               |
| 859-025C    | 2-1/2 | 4-13/32 | 3- 5/8  | 1-13/32 | 4- 7/8   | 1.65               |
| 859-030C    | 3     | 5-1/32  | 4- 3/8  | 1-19/32 | 5- 3/4   | 2.60               |
| 859-040C    | 4     | 5- 7/8  | 5-13/32 | 1- 7/8  | 7-1/8    | 4.12               |

### Union - Socket/Brass Fipt/FKM

Socket x Fipt with Brass Thread Insert & FKM O-ring Seal

Dimensions Also Applicable to  
899-XXXCBR EPDM O-Ring Seals



Pressure Rating  
235 psi @ 73°F

| Part Number | Size | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|------|---------|---------|---------|----------|--------------------|
| 859-005CBR  | 1/2  | 2-1/4   | 1-9/32  | 25/32   | 1-15/16  | .22                |
| 859-007CBR  | 3/4  | 2-11/16 | 1-17/32 | 1       | 2- 1/2   | .36                |
| 859-010CBR  | 1    | 2-13/16 | 1- 7/8  | 1- 1/32 | 2- 7/8   | .53                |

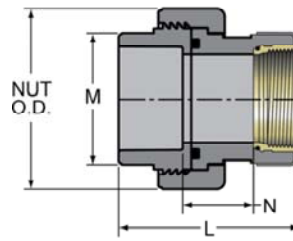
**Schedule 80 CPVC Technical**  
**Schedule 80 CPVC Unions**



**Union - Socket/Brass Fipt/FKM**

(Continued)

Socket x Fipt with Brass Thread Insert & FKM O-ring Seal  
 Dimensions Also Applicable to  
 899-XXXCBR EPDM O-Ring Seals



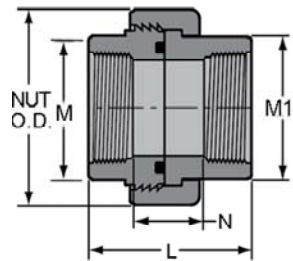
Pressure Rating  
 235 psi @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 859-012CBR  | 1-1/4 | 3-5/16  | 2-1/4   | 1-5/16  | 3- 5/16  | .76                |
| 859-015CBR  | 1-1/2 | 3-9/16  | 2- 9/16 | 1-13/32 | 3-17/32  | .92                |
| 859-020CBR  | 2     | 3-19/32 | 2- 7/8  | 1-5/16  | 4- 5/16  | 1.63               |

Not intended to convey or dispense water for human consumption through drinking or cooking

**Union (Old Style) - Fipt/FKM**

Fipt x Fipt with FKM O-ring Seal  
 Dimensions Also Applicable to  
 898-XXXC EPDM O-Ring Seals

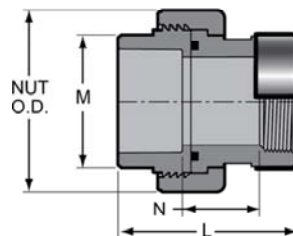


Pressure Rating  
 235 psi @ 73°F

| Part Number | Size  | L       | M       | M1      | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|----------|--------------------|
| 858-005C    | 1/2   | 2-1/16  | 1- 9/32 | 1-9/32  | 19/32   | 1-31/32  | .16                |
| 858-007C    | 3/4   | 2- 3/8  | 1-17/32 | 1-17/32 | 13/16   | 2- 1/2   | .30                |
| 858-010C    | 1     | 2- 9/16 | 1-27/32 | 1-7/8   | 19/32   | 2- 7/8   | .41                |
| 858-012C    | 1-1/4 | 2- 7/8  | 2- 7/32 | 2-27/32 | 7/8     | 3- 5/16  | .61                |
| 858-015C    | 1-1/2 | 3-3/16  | 2-1/2   | 2-9/16  | 1-7/32  | 3-17/32  | .69                |
| 858-020C    | 2     | 3-19/32 | 3       | 3-1/16  | 1-19/32 | 4- 3/16  | 1.11               |
| 858-025C    | 2-1/2 | 4- 3/8  | 3- 5/8  | 3-5/8   | 1-25/32 | 4- 7/8   | 1.74               |
| 858-030C    | 3     | 5       | 4- 3/8  | 4-3/8   | 1-13/16 | 5- 3/4   | 2.66               |
| 858-040C    | 4     | 5- 7/8  | 5-3/8   | 5-13/32 | 2-5/8   | 7-1/8    | 4.29               |

**Union (Old Style) -  
 Socket/Special Reinforced  
 Fipt/FKM**

Socket x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar  
 Dimensions Also Applicable to  
 899-XXXCSR EPDM O-Ring Seals



Pressure Rating  
 235 psi @ 73°F

| Part Number | Size | L       | M       | N      | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|------|---------|---------|--------|----------|--------------------|
| 859-002CSR  | 1/4  | 2-1/8   | 15/16   | 7/8    | 1-21/32  | .07                |
| 859-003CSR  | 3/8  | 2-5/16  | 1-1/16  | 1-5/16 | 1-25/32  | .07                |
| 859-005CSR  | 1/2  | 2- 9/32 | 1- 9/32 | 21/32  | 1-31/32  | .16                |
| 859-007CSR  | 3/4  | 2-19/32 | 1-17/32 | 25/32  | 2- 1/2   | .29                |
| 859-010CSR  | 1    | 2-15/16 | 1-29/32 | 29/32  | 2- 7/8   | .43                |

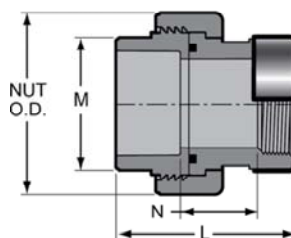


Schedule 80 CPVC Technical  
**Schedule 80 CPVC Unions & Schedule 80 CPVC Tank Adapters**

**Union (Old Style) -  
Socket/Special Reinforced  
Fipt/FKM**

(Continued)

Socket x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar  
Dimensions Also Applicable to  
899-XXXCSR EPDM O-Ring Seals



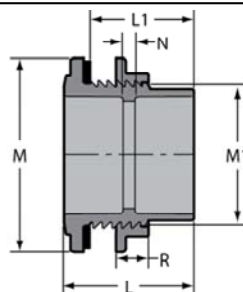
Pressure Rating  
235 psi @ 73°F

| Part Number | Size  | L       | M       | N       | NUT O.D. | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|----------|--------------------|
| 859-012CSR  | 1-1/4 | 3-7/32  | 2- 7/32 | 31/32   | 3- 5/16  | .57                |
| 859-015CSR  | 1-1/2 | 3-7/16  | 2- 9/16 | 1- 1/32 | 3- 9/16  | .71                |
| 859-020CSR  | 2     | 4- 3/32 | 3-1/16  | 1-19/32 | 4- 3/16  | 1.17               |
| 859-030CSR  | 3     | 5- 1/4  | 4-13/32 | 2       | 5- 3/4   | 2.74               |
| 859-040CSR  | 4     | 5-5/16  | 5-13/32 | 2-7/32  | 7-1/8    | 4.19               |

**Tank Adapters, CPVC New  
Style Standard with Neoprene  
Gaskets**

Socket x Socket  
150 psi Maximum Internal Pressure Rating @ 73°  
F (23°C)

Dimensions Also Applicable to  
8170E-XXXC & 8170V-XXXC



| Part Number | Size  | L       | L1      | M        | M1      | N       | R     | Min Hole Size | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|----------|---------|---------|-------|---------------|--------------------|
| 8170-002C   | 1/4   | 2-15/32 | 1-13/16 | 1-17/32  | 1-1/32  | 1-3/16  | 1/2   | 1-1/16        | .11                |
| 8170-003C   | 3/8   | 2- 1/2  | 1-27/32 | 1-21/32  | 1-5/32  | 1       | 1/2   | 1-3/16        | .12                |
| 8170-005C   | 1/2   | 2-29/32 | 2-3/16  | 2-1/16   | 1-7/16  | 1-1/8   | 5/8   | 1-1/2         | .22                |
| 8170-007C   | 3/4   | 2-15/16 | 2-3/16  | 2-1/4    | 1-5/8   | 29/32   | 5/8   | 1-3/4         | .24                |
| 8170-010C   | 1     | 3-9/32  | 2-9/16  | 2-21/32  | 1-31/32 | 1       | 5/8   | 2             | .37                |
| 8170-012C   | 1-1/4 | 3-13/32 | 2-5/8   | 3-1/8    | 2-5/16  | 29/32   | 5/8   | 2-3/8         | .48                |
| 8170-015C   | 1-1/2 | 3-5/8   | 2-13/16 | 3-5/8    | 2-11/16 | 7/8     | 5/8   | 2-3/4         | .66                |
| 8170-020C   | 2     | 4-1/8   | 3-1/4   | 4-7/8    | 3-1/4   | 1-1/16  | 3/4   | 3-3/8         | 1.29               |
| 8170-025C   | 2-1/2 | 4-27/32 | 3-29/32 | 5-1/4    | 3-13/16 | 1-5/16  | 1     | 3-7/8         | 2.26               |
| 8170-030C   | 3     | 5-1/2   | 4-1/2   | 6        | 4-17/32 | 1-23/32 | 1     | 4-5/8         | 2.61               |
| 8170-040C   | 4     | 4-31/32 | 3-15/16 | 7-7/16   | 5-7/16  | 7/16    | 1-1/4 | 5-1/2         | 3.21               |
| 8170-060C   | 6     | 5       | 4       | 10-3/32  | 8       | 1/8     | 1-1/4 | 8             | 5.76               |
| 8170-080C   | 8     | 8-19/32 | 6-7/8   | 12-15/16 | 10-7/32 | 1/2     | 1-1/2 | 10-3/8        | 17.30              |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Tank Adapters**

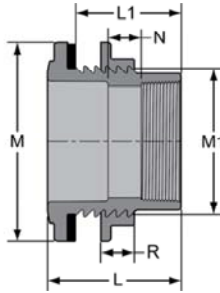


**Tank Adapters, CPVC New  
Style Standard with Neoprene  
Gaskets**

Socket x Fipt

150 psi Maximum Internal Pressure Rating @ 73°  
F (23°C)

Dimensions Also Applicable to  
8171E-XXXC & 8171V-XXXC



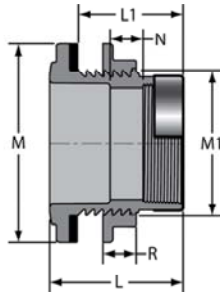
| Part Number | Size  | L       | L1      | M       | M1      | N       | R      | Min Hole Size | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|--------|---------------|--------------------|
| 8171-002C   | 1/4   | 2-15/32 | 1-13/16 | 1-17/32 | 1-1/32  | 1- 1/4  | 1/2    | 1-1/16        | .12                |
| 8171-003C   | 3/8   | 2- 1/2  | 1-27/32 | 1-21/32 | 1-5/32  | 1- 3/16 | 1/2    | 1-3/16        | .12                |
| 8171-005C   | 1/2   | 2-29/32 | 2- 3/16 | 2- 1/16 | 1-7/16  | 1-5/16  | 5/8    | 1-1/2         | .23                |
| 8171-007C   | 3/4   | 2-15/16 | 2-3/16  | 2- 1/4  | 1- 5/8  | 1- 3/16 | 5/8    | 1-3/4         | .26                |
| 8171-010C   | 1     | 3-9/32  | 2-9/16  | 2-21/32 | 1-31/32 | 1- 1/4  | 5/8    | 2             | .39                |
| 8171-012C   | 1-1/4 | 3-13/32 | 2-5/8   | 3-1/8   | 2- 5/16 | 1-7/32  | 5/8    | 2-3/8         | .51                |
| 8171-015C   | 1-1/2 | 3- 5/8  | 2-13/16 | 3- 5/8  | 2-11/16 | 1-9/32  | 5/8    | 2-3/4         | .71                |
| 8171-020C   | 2     | 4- 1/8  | 3- 1/4  | 4- 7/8  | 3- 1/4  | 1- 5/8  | 3/4    | 3-3/8         | 1.34               |
| 8171-025C   | 2-1/2 | 4-27/32 | 3-29/32 | 5- 1/4  | 3-13/16 | 1-3/4   | 1      | 3-7/8         | 2.39               |
| 8171-030C   | 3     | 5- 1/2  | 4- 1/2  | 6       | 4-17/32 | 2- 3/16 | 1      | 4-5/8         | 2.75               |
| 8171-040C   | 4     | 4-31/32 | 3-15/16 | 7-7/16  | 5-7/16  | 1-7/32  | 1- 1/4 | 5-1/2         | 3.35               |
| 8171-060C   | 6     | 5       | 4       | 10-3/32 | 8       | 1/32    | 1- 1/4 | 8             | 5.91               |

**Tank Adapters, CPVC New  
Style Special Reinforced (SR)  
Threaded with Neoprene  
Gaskets**

Socket x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°  
F (23°C)

Dimensions Also Applicable to  
8171E-XXXCSR & 8171V-XXXCSR



| Part Number | Size  | L       | L1      | M       | M1      | N       | R      | Min Hole Size | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|--------|---------------|--------------------|
| 8171-002CSR | 1/4   | 2- 1/2  | 1-13/16 | 1- 1/2  | 1- 1/16 | 1- 1/4  | 1/2    | 1-1/16        | .12                |
| 8171-003CSR | 3/8   | 2- 1/2  | 1-13/16 | 1- 5/8  | 1- 3/16 | 1- 3/16 | 1/2    | 1-3/16        | .13                |
| 8171-005CSR | 1/2   | 2-15/16 | 2- 1/4  | 2- 1/16 | 1-15/32 | 1- 9/32 | 5/8    | 1-1/2         | .24                |
| 8171-007CSR | 3/4   | 2-15/16 | 2- 3/16 | 2- 1/4  | 1- 5/8  | 1- 1/4  | 5/8    | 1-3/4         | .27                |
| 8171-010CSR | 1     | 3- 5/16 | 2-13/16 | 2- 5/8  | 1-31/32 | 1- 1/4  | 5/8    | 2             | .40                |
| 8171-012CSR | 1-1/4 | 3-13/32 | 2- 5/8  | 3- 3/32 | 2- 5/16 | 1-17/32 | 5/8    | 2-3/8         | .53                |
| 8171-015CSR | 1-1/2 | 3- 5/8  | 2-13/16 | 3- 5/8  | 2-11/16 | 1- 1/4  | 5/8    | 2-3/4         | .74                |
| 8171-020CSR | 2     | 4- 1/8  | 3- 1/4  | 4- 7/8  | 3- 1/4  | 1- 5/8  | 3/4    | 3-3/8         | 1.36               |
| 8171-025CSR | 2-1/2 | 4- 7/8  | 3- 7/8  | 5- 1/4  | 3-13/16 | 1-11/16 | 1      | 3-7/8         | 2.45               |
| 8171-030CSR | 3     | 5- 1/2  | 4- 1/2  | 6       | 4- 9/16 | 2- 3/16 | 1      | 4-5/8         | 2.82               |
| 8171-040CSR | 4     | 5       | 4       | 7- 1/2  | 5- 1/2  | 1- 1/4  | 1- 1/4 | 5-1/2         | 3.47               |
| 8171-060CSR | 6     | 4-31/32 | 4- 1/16 | 10-3/32 | 7-11/16 | 1/16    | 1- 1/4 | 8             | 9.11               |



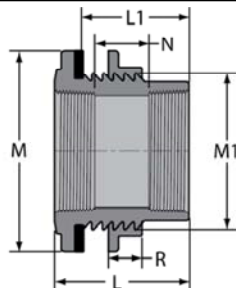
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Tank Adapters**

**Tank Adapters, CPVC New  
Style Standard with Neoprene  
Gaskets**

Fipt x Fipt

150 psi Maximum Internal Pressure Rating @ 73°  
F (23°C)

Dimensions Also Applicable to  
8172E-XXXC & 8172V-XXXC



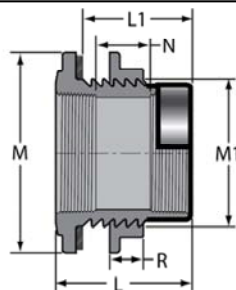
| Part Number | Size  | L       | L1      | M       | M1      | N       | R      | Min Hole Size | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|--------|---------------|--------------------|
| 8172-002C   | 1/4   | 2-15/32 | 1-13/16 | 1-17/32 | 1-1/32  | 1- 5/16 | 1/2    | 1-1/16        | .12                |
| 8172-003C   | 3/8   | 2- 1/2  | 1-27/32 | 1-21/32 | 1-5/32  | 1-11/32 | 1/2    | 1-3/16        | .13                |
| 8172-005C   | 1/2   | 2-29/32 | 2- 3/16 | 2- 1/16 | 1-7/16  | 1-15/32 | 5/8    | 1-1/2         | .24                |
| 8172-007C   | 3/4   | 2-15/16 | 2-3/16  | 2- 1/4  | 1- 5/8  | 1-15/32 | 5/8    | 1-3/4         | .26                |
| 8172-010C   | 1     | 3-9/32  | 2-9/16  | 2-21/32 | 1-31/32 | 1-1/2   | 5/8    | 2             | .40                |
| 8172-012C   | 1-1/4 | 3-13/32 | 2-5/8   | 3-1/8   | 2- 5/16 | 1-17/32 | 5/8    | 2-3/8         | .53                |
| 8172-015C   | 1-1/2 | 3-5/8   | 2-13/16 | 3-5/8   | 2-11/16 | 1-23/32 | 5/8    | 2-3/4         | .74                |
| 8172-020C   | 2     | 4- 1/8  | 3- 1/4  | 4- 7/8  | 3- 1/4  | 2-5/32  | 3/4    | 3-3/8         | 1.35               |
| 8172-025C   | 2-1/2 | 4-7/32  | 3-29/32 | 5- 1/4  | 3-13/16 | 2-7/32  | 1      | 3-7/8         | 2.52               |
| 8172-030C   | 3     | 5- 1/2  | 4- 1/2  | 6       | 4-17/32 | 2-11/16 | 1      | 4-5/8         | 2.95               |
| 8172-040C   | 4     | 4-31/32 | 3-15/16 | 7-7/16  | 5-7/16  | 2       | 1- 1/4 | 5-1/2         | 3.69               |
| 8172-060C   | 6     | 5       | 4       | 10-3/32 | 8       | 1-1/8   | 1- 1/4 | 8             | 6.21               |

**Tank Adapters, CPVC New  
Style Special Reinforced (SR)  
Threaded with Neoprene  
Gaskets**

Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°  
F (23°C)

Dimensions Also Applicable to  
8172E-XXXCSR & 8172V-XXXCSR



| Part Number | Size  | L       | L1      | M       | M1      | N       | R      | Min Hole Size | Approx. Wt. (Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|--------|---------------|--------------------|
| 8172-002CSR | 1/4   | 2- 1/2  | 1-13/16 | 1-17/32 | 1-1/32  | 1- 5/16 | 1/2    | 1-1/16        | .12                |
| 8172-003CSR | 3/8   | 2-17/32 | 1-27/32 | 1-21/32 | 1-5/32  | 1- 3/8  | 1/2    | 1-3/16        | .13                |
| 8172-005CSR | 1/2   | 2-15/16 | 2- 3/16 | 2- 1/16 | 1-15/32 | 1-1/2   | 5/8    | 1-1/2         | .25                |
| 8172-007CSR | 3/4   | 2-15/16 | 2-7/32  | 2- 1/4  | 1- 5/8  | 1-1/2   | 5/8    | 1-3/4         | .27                |
| 8172-010CSR | 1     | 3-5/16  | 2-9/16  | 2-21/32 | 1-31/32 | 1-17/32 | 5/8    | 2             | .42                |
| 8172-012CSR | 1-1/4 | 3-9/16  | 2-21/32 | 3-1/8   | 2- 5/16 | 1-9/16  | 5/8    | 2-3/8         | .54                |
| 8172-015CSR | 1-1/2 | 3- 5/8  | 2-13/16 | 3- 5/8  | 2-11/16 | 1-23/32 | 5/8    | 2-3/4         | .77                |
| 8172-020CSR | 2     | 4- 1/8  | 3- 1/4  | 4-7/8   | 3-1/4   | 2-5/32  | 3/4    | 3-3/8         | 1.41               |
| 8172-025CSR | 2-1/2 | 4- 7/8  | 3-29/32 | 5- 1/4  | 3-13/16 | 2- 1/4  | 1      | 3-7/8         | 2.58               |
| 8172-030CSR | 3     | 5-1/2   | 4-1/2   | 5-31/32 | 4-1/2   | 2-11/16 | 1      | 4-5/8         | 3.00               |
| 8172-040CSR | 4     | 5       | 4       | 7-7/16  | 5-7/16  | 2-1/32  | 1- 1/4 | 5-1/2         | 3.79               |
| 8172-060CSR | 6     | 5       | 4-3/32  | 9-15/16 | 8       | 1-1/8   | 1-1/4  | 8             | 9.41               |

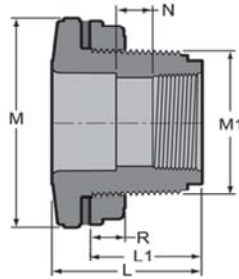
Schedule 80 CPVC Technical  
**Schedule 80 CPVC Tank Adapters**



**Tank Adapter, CPVC Old Style  
 with Neoprene Gasket**

Socket x Fipt

150 psi Maximum Internal Pressure Rating @ 73°  
 F (23°C)

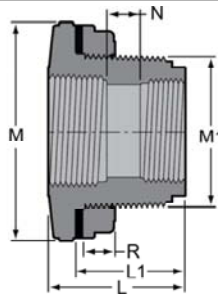


| Part Number | Size  | L       | L1      | M       | M1      | N       | R       | Approx. Wt.<br>(Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|---------|-----------------------|
| 871-005C    | 1/2   | 2-27/32 | 2-3/16  | 2-3/8   | 1- 9/32 | 1-11/32 | 5/8     | .25                   |
| 871-007C    | 3/4   | 2-23/32 | 2-1/16  | 2-5/8   | 1- 5/8  | 29/32   | 5/8     | .31                   |
| 871-010C    | 1     | 2-25/32 | 2- 1/8  | 2-13/16 | 1- 7/8  | 25/32   | 21/32   | .34                   |
| 871-012C    | 1-1/4 | 3- 1/8  | 2- 7/16 | 3-29/32 | 2-11/32 | 27/32   | 5/8     | .62                   |
| 871-015C    | 1-1/2 | 3- 5/32 | 2-21/32 | 3-29/32 | 2-11/32 | 3/4     | 5/8     | .57                   |
| 871-020C    | 2     | 3- 3/16 | 2-17/32 | 4-31/32 | 3-15/32 | 13/16   | 3/4     | 1.42                  |
| 871-030C    | 3     | 4-19/32 | 3-13/16 | 6- 7/16 | 4-15/32 | 31/32   | 1- 3/16 | 2.62                  |
| 871-040C    | 4     | 4- 7/16 | 3-23/32 | 7- 7/16 | 5- 1/2  | 1/2     | 1- 1/4  | 3.37                  |

**Tank Adapter, CPVC Old Style  
 with Neoprene Gasket**

Fipt x Fipt

150 psi Maximum Internal Pressure Rating @ 73°  
 F (23°C)



| Part Number | Size  | L       | L1      | M       | M1      | N       | R       | Approx. Wt.<br>(Lbs.) |
|-------------|-------|---------|---------|---------|---------|---------|---------|-----------------------|
| 872-005C    | 1/2   | 2-27/32 | 2-3/16  | 2-3/8   | 1-9/32  | 1-15/32 | 5/8     | .25                   |
| 872-007C    | 3/4   | 2-23/32 | 2-1/16  | 2-5/8   | 1- 5/8  | 1-1/4   | 5/8     | .32                   |
| 872-010C    | 1     | 2-25/32 | 2-1/8   | 2-7/8   | 1- 7/8  | 1-5/16  | 5/8     | .36                   |
| 872-012C    | 1-1/4 | 3- 1/8  | 2-7/16  | 3-15/16 | 2-11/32 | 1- 1/8  | 5/8     | .64                   |
| 872-015C    | 1-1/2 | 3- 1/8  | 2-7/16  | 3-15/16 | 2-11/32 | 1- 1/16 | 5/8     | .60                   |
| 872-020C    | 2     | 3-3/16  | 2- 3/8  | 5-3/32  | 3-15/32 | 1-1/8   | 3/4     | 1.44                  |
| 872-030C    | 3     | 4-19/32 | 3-11/16 | 6-19/32 | 4-7/16  | 1-1/8   | 1- 3/16 | 2.61                  |
| 872-040C    | 4     | 4-15/32 | 3-17/32 | 7-11/16 | 5- 1/2  | 17/32   | 1- 1/4  | 3.46                  |



Schedule 80 CPVC Technical  
**Schedule 80 CPVC Tank Adapters**

| TANK ADAPTER GASKET SECTION | SIZE  | O.D.* | I.D.* | T    |
|-----------------------------|-------|-------|-------|------|
|                             | 1/2   | 2.25  | 1.33  | 3/16 |
|                             | 3/4   | 2.49  | 1.69  | 3/16 |
|                             | 1     | 2.79  | 1.94  | 3/16 |
|                             | 1-1/4 | 3.81  | 2.39  | 3/16 |
|                             | 1-1/2 | 3.81  | 2.39  | 3/16 |
|                             | 2     | 4.89  | 3.51  | 3/16 |
|                             | 3     | 6.30  | 4.49  | 3/16 |
|                             | 4     | 7.33  | 5.50  | 3/16 |

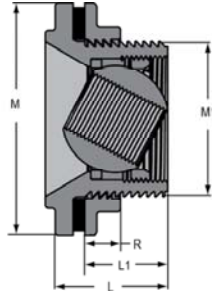
| Old Style Tank Adapter Gasket & Hole Size Requirements |                               |                                          |                                      |
|--------------------------------------------------------|-------------------------------|------------------------------------------|--------------------------------------|
| Tank Adapter Size                                      | Recommended Minimum Hole Size | Minimum Inside Curvature Radius (inches) | Maximum Tank Wall Thickness (inches) |
| 1/2                                                    | 1-3/8                         | 3.88                                     | 1.06                                 |
| 3/4                                                    | 1-3/4                         | 5.00                                     | 1.06                                 |
| 1                                                      | 2                             | 6.12                                     | 1.06                                 |
| 1-1/4                                                  | 2-7/16                        | 10.75                                    | 1.34                                 |
| 1-1/2                                                  | 2-7/16                        | 10.75                                    | 1.34                                 |
| 2                                                      | 3-9/16                        | 18.50                                    | 1.16                                 |
| 3                                                      | 4-9/16                        | 31.00                                    | 1.75                                 |
| 4                                                      | 5-9/16                        | 42.75                                    | 1.81                                 |

\* Both outside and inside dimensions are +/- .03 shore hardness 65-70

**Tank Adapter, CPVC Self Aligning with Neoprene Gasket**

Fipt  
75 psi Maximum Internal Pressure Rating @ 73°F (23°C)

Dimensions Also Applicable to  
8172ESA-XXXC & 8172VSA-XXXC



| Part Number | Size | L       | L1     | M      | M1     | R      | Approx. Wt. (Lbs.) |
|-------------|------|---------|--------|--------|--------|--------|--------------------|
| 8172SA-010C | 1    | 2- 9/16 | 1- 3/4 | 4- 7/8 | 3- 1/4 | 3/4    | 2.60               |
| 8172SA-020C | 2    | 2-11/16 | 1- 3/4 | 6      | 4-7/16 | 1      | 2.14               |
| 8172SA-030C | 3    | 3-3/16  | 2-9/32 | 7-7/16 | 5-7/16 | 1- 1/4 | 3.14               |

Schedule 80 CPVC Technical  
**Schedule 80 CPVC Tank Adapters**



**Self-Aligning Tank Adapters**

Swivel Ball design permits straight-pipe connections with up to a 27° angle off vertical pipe centerline in any direction. Aids installation in domed top tanks and provides easy adjustment to compensate for tank curvature in making system connections. Pressure rated to 75 psi @ 73°F (23°C).

**Easy Installation**

1. Locate and cut designated hole size in tank
2. Remove Nut and insert Self-Aligning Tank Adapter through hole from inside. **Note: Body and Gasket must be installed on the inside of tank.**
3. Tighten Nut (clockwise) while holding body from inside tank.
4. Install threaded pipe into ball.
5. Position angular offset as desired and tighten lock ring (clockwise) against ball.

| Self Aligning Tank Adapter Installation Requirements |                   |                                            |                             |
|------------------------------------------------------|-------------------|--------------------------------------------|-----------------------------|
| Tank Adapter Size                                    | Minimum Hole Size | Minimum Tank Inside Curvature-Radius (in.) | Maximum Tank Wall Thickness |
| 1                                                    | 3-3/8             | 18.5                                       | 1-5/16                      |
| 2                                                    | 4-5/8             | 32.5                                       | 1-5/16                      |
| 3                                                    | 5-1/2             | 43.5                                       | 1-11/16                     |

**Nut Wrenches**

While not required for installation, Self-Aligning Tank Adapters can use certain nut wrenches produced for use on Spears® regular Tank Adapters (New Style). While designated wrench sizes do not directly correspond, the following chart shows specific regular Tank Adapter Nut Wrench to use with each Self-Aligning size. Body wrenches are not currently available.

| Self-Aligning Tank Adapter Size | Regular Tank Adapter Nut Wrench to Use |                                             |
|---------------------------------|----------------------------------------|---------------------------------------------|
|                                 | Part Number                            | Comment                                     |
| 1"                              | TAW2-020                               | Regular 2" wrench fits Self-Aligning 1" nut |
| 2"                              | TAW2-030                               | Regular 3" wrench fits Self-Aligning 2" nut |
| 3"                              | TAW2-040                               | Regular 4" wrench Self-Aligning 3" nut      |