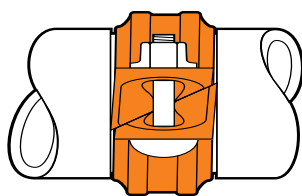


Style 005 FireLock™ Rigid Coupling with Vic-Plus™ Gasket System

PRODUCT DESCRIPTION



Patented



Exaggerated for Clarity

FireLock™ Style 005 rigid coupling has a unique, patented angle-pad design which allows the housings to offset while clamping the grooves. By permitting the housings to slide on the angled bolt pads, rigidity is obtained.

The FireLock couplings provide rigidity for valve connections, fire mains and long straight runs. Support and hanging requirements correspond to NFPA 13

Sprinkler Systems. Angle-pad design permits assembly by removing one nut/bolt and swinging the housing over the gasket. This reduces components to handle during assembly; speeds and eases installation on pipe grooved to Victaulic specifications.

Style 005 FireLock couplings with the Vic-Plus™ Gasket System are designed and recommended for use

ONLY on fire protection systems.

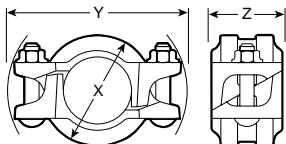
Vic-Plus Gasket System: Victaulic® now offers a gasket system which requires no field lubrication. The Vic-Plus™ System (patent pending) is dry, clean, and non-toxic. It reduces assembly time substantially and eliminates the mess and chance of over-lubrication.



Request Victaulic publication 10.01 for details.

§ LPC and VdS Approved, see notes on page 2.

DIMENSIONS



Rated for wet and dry sprinkler systems at 350 psi (2413 kPa) for 1¼ - 4" (32 - 100 mm) sizes and 300 psi (2068 kPa) for 4¼ - 8" (108 - 200 mm) sizes; Schedule 10 roll grooved or Schedule 40 cut or roll grooved steel pipe. Style 005 is rigid and does not accommodate expansion, contraction or angular deflection.

Pipe Size		Max. Work. Press. § PSI*/kPa	Max. End Load Lbs.*/N	Allow. Pipe End Sep. † In./mm	@ Bolt/Nut No. - Size Inches/mm	Dimensions Inches/mm			Aprx. Wgt. Ea. Lbs./kg
Nominal Outside Diameter Inches/mm	Actual Outside Diameter Inches/mm					X	Y	Z	
1¼ 32	1.660 42,4	350 2413	755 3370	0.05 1,2	2 - ¾" X 2	2.75 70	4.50 114	1.88 48	1.2 0,5
1½ 40	1.900 48,3	350 2413	990 4415	0.05 1,2	2 - ¾" X 2	3.00 76	4.75 121	1.88 48	1.2 0,5
2 50	2.375 60,3	350 2413	1550 6900	0.07 1,7	2 - ¾" X 2½	3.50 89	5.25 133	1.88 48	1.6 0,7
2½ 65	2.875 73,0	350 2413	2270 10110	0.07 1,7	2 - ¾" X 2½	4.00 102	5.75 146	1.88 48	1.9 0,9
76,1 mm	3.000 76,1	350 2413	2475 11010	0.07 1,7	2 - ¾" X 2½	4.13 105	5.75 146	1.88 48	1.9 0,9
3 80	3.500 88,9	350 2413	3365 14985	0.07 1,7	2 - ¾" X 2½	4.63 118	6.13 156	1.88 48	2.1 1,0
4 100	4.500 114,3	350 2413	5565 24770	0.16 4,1	2 - ¾" X 2½	5.75 146	7.25 184	2.13 54	3.1 1,4
108,0 mm	4.250 108,0	300 2068	4255 18940	0.16 4,1	2 - ¾" X 2½	5.63 143	7.25 184	2.13 54	3.1 1,4
5 125	5.563 141,3	300 2068	7290 32445	0.16 4,1	2 - ½" X 2¾	6.88 175	9.00 229	2.13 54	4.5 2,0
133,0 mm	5.250 133,0	300 2068	6495 28900	0.16 4,1	2 - ½" X 2¾	6.63 168	9.00 229	2.13 54	4.5 2,0
139,7 mm	5.500 139,7	300 2068	7125 31715	0.16 4,1	2 - ½" X 2¾	6.88 175	9.00 229	2.13 54	4.8 2,2
6 150	6.625 168,3	300 2068	10340 46020	0.16 4,1	2 - ½" X 2¾	8.00 203	10.00 254	2.13 54	5.0 2,3
159,0 mm	6.250 159,0	300 2068	9200 40955	0.16 4,1	2 - ¾" X 4¼	7.63 194	10.00 254	2.13 54	5.5 2,5
165,1 mm	6.500 165,1	300 2068	9955 44295	0.16 4,1	2 - ½" X 2¾	8.15 207	10.00 254	2.13 54	5.5 2,5
8 200	8.625 219,1	300 2068	17525 78000	0.19 4,8	2 - ¾" X 4¼	10.50 267	13.13 334	2.63 67	11.3 5,1

* @ § † Refer to notes on page 2.

VICTAULIC® IS AN ISO 9001 CERTIFIED COMPANY

Victaulic Company of America
Phone: 1-800-PICK-VIC (1-800-742-5842)
Fax: 610-250-8817
e-mail: pickvic@victaulic.com

Victaulic Company of Canada
Phone: 416-675-5575
Fax: 416-675-5565
e-mail: viccanada@victaulic.com

Victaulic Europe
Phone: 32-9-381-1500
Fax: 32-9-380-4438
e-mail: viceuro@victaulic.be

Victaulic America Latina
Phone: 610-559-3300
Fax: 610-559-3608
e-mail: vical@victaulic.com

Victaulic Asia Pacific
Phone: 65-235-3035
Fax: 65-235-0535
e-mail: vicap@victaulic.com

MATERIAL SPECIFICATIONS

Housing: Ductile iron conforming to ASTM A-395, grade 65-45-15, and ASTM A-536, grade 65-45-12.

Housing Coating: Orange enamel

☐ **Optional:** Hot dipped galvanized

Gasket:

☐ **Grade “E” EPDM - Type A Vic-Plus Gasket System †** (Violet color code). FireLock products have been Listed by Underwriters Laboratories

Inc. and Approved by Factory Mutual Research for wet and dry (oil free air) sprinkler services up to the rated working pressure using the Grade “E” Type A Vic-Plus Gasket System, requiring no field lubrication.

For dry services, Victaulic continues to recommend the use of Grade “E” Type A FlushSeal® Vic-Plus Gasket System. Contact Victaulic for details.

Bolts/Nuts: Heat treated carbon steel, zinc electroplated to ASTM B-633; Track head bolt conforming to ASTM A-183 minimum tensile 110,000 psi (758340 kPa); Flanged hex nut conforming to ASTM A-563, Grade A.

† Standard gasket and FlushSeal gasket approved for dry pipe systems to –40°F (–40°C). Supplemental lubricant is recommended for services installed at or continuously operating below 0°F (–18°C). Victaulic continues to recommend the use of FlushSeal gaskets for dry services.

The information provided below is based on the latest listing and approval data at the time of publication. Listings/Approvals are subject to change and/or additions by the approvals agencies. Contact Victaulic for performance on other pipe and the latest listings and approvals.

Rated Working Pressure PSI					Rated Working Pressure PSI				
Pipe Schedule	Size Inches	UL	ULC	FM	Pipe Schedule	Size Inches	UL	ULC	FM
5	1¼ - 3	175	175	175	EZ	4	300	300	300
10, 40	1¼ - 4	350	350	350		6	175	175	175
	5 - 8	300	300	300	SF	1¼ - 4	300	300	300
BLT	1¼ - 2	300	300	300	Super 40	1¼ - 2	300	300	300
DF	1¼ - 4	300	300	300	TL	1¼ - 2	300	300	300
	6	175	175	175	WLS	1¼ - 2	300	300	300
DT	1¼ - 2	300	300	300	XL/XL-II	1¼ - 3	300	300	300
EL	1¼ - 2	300	300	300					

NOTES:

5 refers to Listed/Approved Schedule 5 steel sprinkler pipe.

10 refers to Listed/Approved Schedule 10 steel sprinkler pipe.

40 refers to Listed/Approved Schedule 40 steel sprinkler pipe.

BLT refers to Listed/Approved steel sprinkler pipe manufactured by American Tube Company.

DF refers to Listed/Approved Dyna-Flow steel sprinkler pipe manufactured by American Tube Company.

DT refers to Listed/Approved Dyna Thread steel sprinkler pipe manufactured by American Tube Company.

EL refers to Listed/Approved Eddylite steel sprinkler pipe manufactured by Bull Moose Tube Co.

EZ refers to Listed/Approved EZ-Flow steel sprinkler pipe manufactured by Northwest Pipe & Casing Co.

SF refers to Listed/Approved Super-Flo steel sprinkler pipe manufactured by Allied Tube and Conduit Corporation.

SL refers to Listed/Approved steel sprinkler pipe manufactured by Western Tube and Conduit Corporation.

Super 40/XL refers to Listed/ Approved Super 40 or Super XL steel sprinkler pipe manufactured by Allied Tube and Conduit Corporation.

WLS refers to Listed/Approved steel sprinkler pipe manufactured by Wheatland Tube Company.

XL/XL-II refers to Listed/Approved XL or XL-II steel sprinkler pipe manufactured by Allied Tube and Conduit Corporation.

NOTES

* Working Pressure and End Load are total, from all internal and external loads, based on standard weight (ANSI) steel pipe, standard **roll** or **cut** grooved in accordance with Victaulic specifications. Contact Victaulic for performance on other pipe.

WARNING: FOR ONE TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1½ times the figures shown.

† For field installation only. FireLock Style 005 couplings are essentially rigid and do not accommodate expansion/contraction.

@ Number of bolts required equals number of housing segments.
Metric thread size bolts are available (color coded gold) for all coupling sizes upon request. Contact Victaulic for details.

§ Style 005 couplings are VdS and LPC Approved to 12 Bar (175 psi).

WARNING: Piping systems must always be depressurized and drained before attempting disassembly and removal of any Victaulic piping products.

This product shall be manufactured by Victaulic Company. All products shall be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.