

Schedule 40 Fittings Technical
Schedule 40 Fittings Dimensions & Information



Injection Molded Dimension References:

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

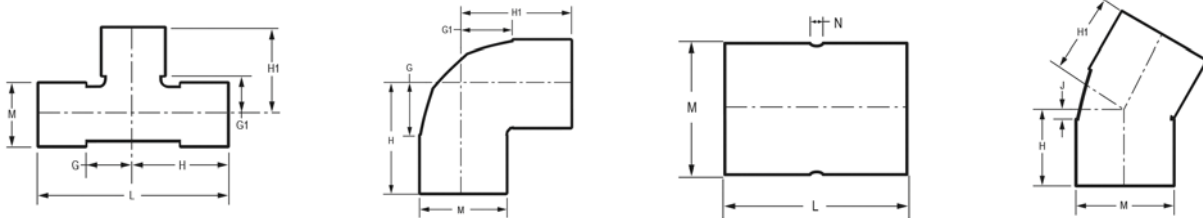
- L** = Overall length of fittings; ± 1/16 inch.
- M** = Outside diameter of socket/thread hub; ± 1/16 inch.
- N** = Socket bottom to socket bottom; couplings; ± 1/16 inch.
- W** = Height of cap; ± 1/16 inch.

Fabricated Dimension References:

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

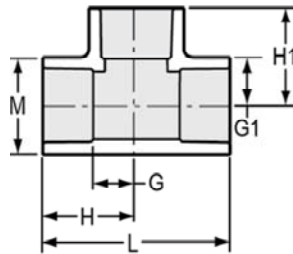
- L** = Overall length of fittings; ± 1/2 inch.; wyes ± 1 inch; 14" & larger ± 1 inch.
- M** = Outside diameter of socket/thread hub; ± 1/4 inch.
- N** = Socket bottom to socket bottom; couplings; ± 1/2 inch.
- W** = Height of cap; ± 1/4 inch.

Typical Fabricated Dimension References



Tee

Socket x Socket x Socket



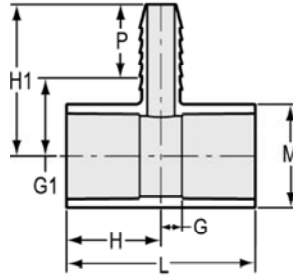
Part Number	Size	G	G1	H	H1	L	M	Approx. Wt. (Lbs.)
401-003	3/8	3/8	3/8	1- 1/8	1- 1/8	2- 1/4	31/32	.03
401-005	1/2	1/2	1/2	1- 1/4	1- 1/4	2- 1/2	1- 3/32	.06
401-007	3/4	9/16	9/16	1- 9/16	1- 9/16	3- 1/8	1- 5/16	.09
401-010	1	11/16	11/16	1- 3/4	1- 3/4	3- 1/2	1- 5/8	.15
401-012	1-1/4	7/8	7/8	2- 1/8	2- 1/8	4- 1/4	2	.25
401-015	1-1/2	1-1/8	1-1/8	2-3/8	2-3/8	4-3/4	2- 1/4	.33
401-020	2	1- 3/8	1- 3/8	2- 3/4	2- 3/4	5- 1/2	2- 3/4	.50
401-025	2-1/2	1-21/32	1-21/32	3-13/32	3-13/32	6-13/16	3-11/32	.96
401-030	3	1-15/16	1-15/16	3-27/32	3-27/32	7-11/16	4	1.44
401-040	4	2-13/32	2-13/32	4- 7/16	4- 7/16	8- 7/8	5- 1/32	2.34
401-050	5	3	3	6	6	12	6- 5/32	4.58
401-060	6	3- 5/8	3- 5/8	6-21/32	6-21/32	13- 5/16	7- 9/32	5.89
401-080	8	4- 1/2	4- 1/2	8-17/32	8-17/32	17- 1/16	9- 3/8	11.57
401-100	10	5-13/16	5-13/16	10-27/32	10-27/32	21-11/16	11-21/32	24.00
401-100F*	10	9- 7/8	9- 3/8	15- 1/8	14- 5/8	30- 1/4	11- 1/2	36.41
401-120	12	6-27/32	6-27/32	12-27/32	12-27/32	25-11/16	13- 3/4	37.29

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**Transition Tee for P.E. Hose
 Laterals**

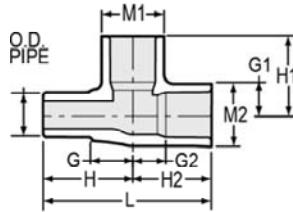
Socket x Insert (.580 I.D.)



Part Number	Size	G	G1	H	H1	L	M	P	Approx. Wt. (Lbs.)
1102-007	3/4	13/32	3/4	1-13/32	2- 1/4	2-13/16	1- 5/16	1- 1/2	.08
1102-130	1X1/2	3/16	13/16	1- 7/16	2- 5/16	2- 7/8	1-19/32	1- 1/2	.11
1102-248	2X2X3/4	1/2	1- 7/16	1-27/32	2-15/16	3-11/16	2-23/32	1- 1/2	.28
1102-250	2X1-1/4	11/16	1-15/32	2- 1/16	2-31/32	4- 1/8	2- 3/4	1- 1/2	.33

Tee - Street

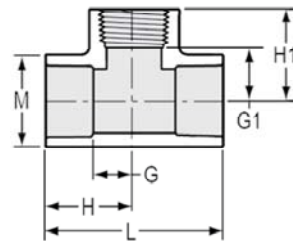
Spigot x Socket x Socket



Part Number	Size	G	G1	G2	H	H1	H2	L	M1	M2	Approx. Wt. (Lbs.)
444-005	1/2	23/32	23/32	1/2	1-19/32	1-21/32	1-19/32	3- 5/32	1- 3/16	1- 3/16	.10
444-007	3/4	13/16	27/32	7/8	1-13/16	1- 7/8	1-13/16	3- 5/8	1-13/32	1-13/32	.15
444-010	1	1	1-31/32	1-31/32	2- 1/8	2	2- 1/8	4- 7/32	1- 3/4	1- 3/4	.25
444-012	1-1/4	1- 1/4	1- 5/32	1- 1/8	2- 7/16	2- 5/16	2- 7/16	4-27/32	2- 3/32	2- 3/32	.38
444-015	1-1/2	1-13/16	1- 1/8	1- 1/8	2- 7/8	2- 9/16	2- 9/16	5- 3/8	2-11/32	2-11/32	.51
444-020	2	1-19/32	1-11/16	1-19/32	3- 3/32	3- 3/16	3- 3/32	6- 5/32	2- 7/8	2- 7/8	.78

Tee

Socket x Socket x Fipt



Part Number	Size	G	G1	H	H1	L	M	Approx. Wt. (Lbs.)
402-003	3/8	7/16	1/2	1-11/16	1- 1/16	3- 3/8	29/32	.06
402-005	1/2	1/2	1/2	1- 1/4	1- 7/32	2- 1/2	1- 3/32	.06
402-007	3/4	21/32	23/32	1-21/32	1- 7/16	3- 9/32	1- 5/16	.10
402-010	1	13/16	7/8	1-15/16	1- 7/8	3- 7/8	1- 5/8	.16
402-012	1-1/4	29/32	1- 1/8	2- 5/32	2- 1/16	4- 5/16	2	.29
402-015	1-1/2	1- 1/32	1- 1/8	2-11/32	2- 1/16	4-11/16	2- 1/4	.34
402-020	2	1- 5/16	1-15/32	2- 5/8	2-13/32	5- 7/32	2- 3/4	.49
402-025	2-1/2	1- 1/2	1-11/16	3- 1/4	2-31/32	6- 1/2	3- 3/8	.95