

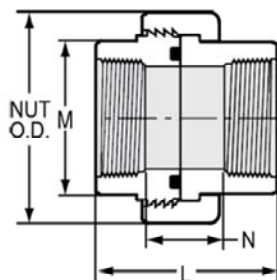


Schedule 40 Fittings Technical Schedule 40 Unions Dimensions & Information

Union - Fipt/Buna

Fipt x Fipt with Buna O-ring Seal

Dimensions Also Applicable to
498-XXX EPDM O-Ring Seals



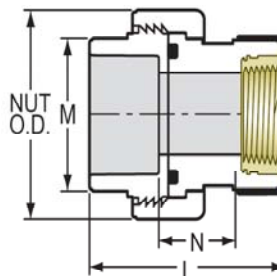
Pressure Rating
150 psi @ 73°F

Part Number	Size	L	M	N	NUT O.D.	Approx. Wt. (Lbs.)
458-005	1/2	1-25/32	1- 3/32	5/16	1-23/32	.08
458-007	3/4	1-25/32	1- 5/16	11/32	2	.11
458-010	1	2- 1/8	1- 5/8	11/32	2- 3/8	.18
458-012	1-1/4	2- 1/4	1-31/32	13/32	2-11/16	.23
458-015	1-1/2	2-5/16	2- 1/4	13/32	3- 3/32	.31
458-020	2	2- 1/2	2-3/4	17/32	3- 5/8	.47
458-025	2-1/2	3- 5/32	3-11/32	9/16	4- 3/8	.88
458-030	3	3-13/32	4	19/32	5- 3/32	1.25
458-040	4	3-17/32	5- 1/32	9/16	6- 3/16	1.75
458-060	6	6-3/16	6-21/32	2-7/8	11-5/8	5.14

Union - Brass Fipt/Buna

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

Dimensions Also Applicable to
499-XXXBR EPDM O-Ring Seals



Pressure Rating
235 psi @ 73°F

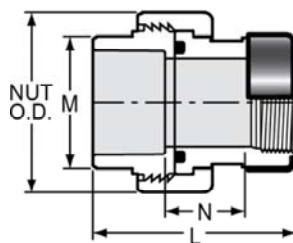
Part Number	Size	L	M	N	NUT O.D.	Approx. Wt. (Lbs.)
459-010BR	1	2-13/16	1- 7/8	1- 1/32	2- 7/8	.52
459-012BR	1-1/4	3-5/16	2-1/4	1-5/16	3- 5/16	.68
459-015BR	1-1/2	3-9/16	2- 9/16	1-13/32	3-9/16	.91
459-020BR	2	3-19/32	2- 7/8	1-5/16	4- 5/16	1.54

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

Union - Special Reinforced Fipt/Buna

Socket x SR Fipt with Buna O-ring Seal - Stainless Steel Collar

Dimensions Also Applicable to
499-XXXSR EPDM O-Ring Seals



Pressure Rating
235 psi @ 73°F

Part Number	Size	L	M	N	NUT O.D.	Approx. Wt. (Lbs.)
459-002SR	1/4	2- 1/8	15/16	1-7/8	1-21/32	.09
459-003SR	3/8	2- 5/16	1-1/16	15/16	1-25/32	.06
459-005SR	1/2	2- 9/32	1- 9/32	21/32	1-31/32	.16

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; $\pm 1/32$ 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

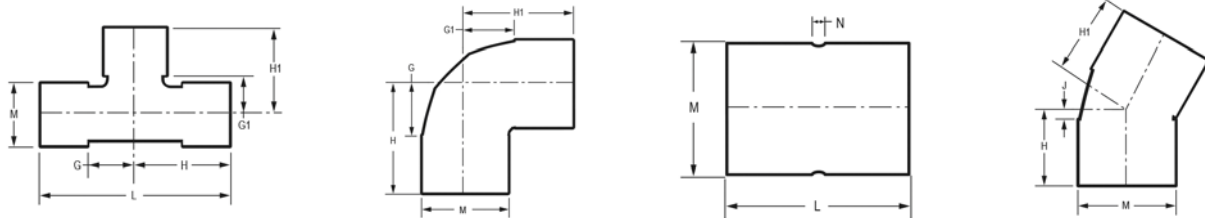
- L** = Overall length of fittings; $\pm 1/16$ inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/16$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/16$ inch.
- W** = Height of cap; $\pm 1/16$ inch.

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.

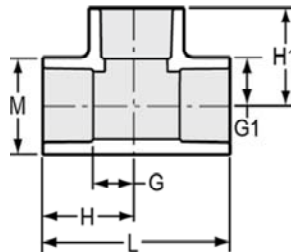
- L** = Overall length of fittings; $\pm 1/2$ inch.; wyes ± 1 inch; 14" & larger ± 1 inch.
- M** = Outside diameter of socket/thread hub; $\pm 1/4$ inch.
- N** = Socket bottom to socket bottom; couplings; $\pm 1/2$ inch.
- W** = Height of cap; $\pm 1/4$ inch.

Typical Fabricated Dimension References



Tee

Socket x Socket x Socket



Part Number	Size	G	G1	H	H1	L	M	Approx. Wt. (Lbs.)
401-003	3/8	3/8	3/8	1- 1/8	1- 1/8	2- 1/4	29/32	.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	.35
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	3-5/16	.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	2-7/16	2-7/16	4- 7/16	4- 7/16	8- 7/8	5- 1/32	2.34
401-050	5	3	3	6-1/32	6-1/32	12-1/16	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	9-11/32	11.57
401-100	10	5-13/16	5-13/16	10-27/32	10-27/32	21-11/16	11-5/8	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	6-15/16	6-15/16	12-31/32	12-31/32	25-15/16	13-11/16	37.29