

# HARCO PVC IPS GASKETED FITTINGS

## DESIGN DATA

### Applicable Standards:

Materials:	ASTM D-1784, NSF 14
Joints:	ASTM D-3139
Gaskets:	ASTM F-477
Wall Thickness:	SDR-21
NSF 14 Certification	
Vacuum Qualification:	22"-Hg for 4 hours with no loss per method of ASTM D-3139

### NOTES:

- All lay lengths & weights are approximate and are subject to change without notice
- Fabricated fitting configurations may vary

### STYLE LEGEND:

- M - One piece molded  
 HB - Harco style one piece molded, reduced by use of flush style thread x thread bushing  
 FB - Flo style one piece molded, reduced by use of flush style thread x thread bushing  
 Fab - Fabricated using SCH-40 PVC fittings with Harco Spigot adapters (or pipe) solvent welded together (See pressure rating warning on this page)

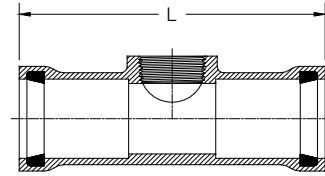
**Fab Style:** These fittings use SCH-40 PVC fittings. SCH-40 PVC fittings do not have a long term pressure rating. See section 6.3.2 of ASTM D2466-97. Use of these fittings in pressure systems is at user's risk.

The use of anything but properly designed and installed thrust blocks will reduce the life of plastic fittings. Thrust blocks must be poured concrete only and sized for the soil conditions. Joint restraint products are available.

**WARNING:** Cyclical pressure surges (WATER HAMMER) can reduce the life of PVC fittings. Where such conditions may exist, HARCO DEEP BELL DUCTILE IRON FITTINGS for IPS size PVC pipe should be considered. HARCO DEEP BELL DUCTILE IRON FITTINGS are available in sizes 1½" through 12".

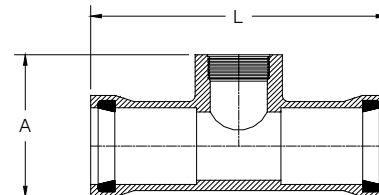
Call For Other Sizes, Configurations & Gasket Materials

### SERVICE TEE (GxGxFIPT) (Tapered NPT Thread)



SIZE	PART #	STYLE	L	WT (approx.)
1½ x ¾	151-153	FB	8.5	0.8
1½ x 1	151-154	M	8.5	0.8
1½ x 1¼	151-155	Fab	10.9	0.8
2 x ½	151-202	HB	9.2	1.2
2 x ¾	151-203	M	9.2	1.2
2 x 1	151-204	M	9.2	1.2
2 x 1¼	151-205	M	9.2	1.2
2 x 1½	151-206	M	9.2	1.2
2½ x ½	151-252	HB	9.9	1.5
2½ x ¾	151-253	HB	9.9	1.5
2½ x 1	151-254	M	9.9	1.5
2½ x 1¼	151-255	M	9.9	1.5
2½ x 1½	151-256	M	9.9	1.5
2½ x 2	151-258	M	9.9	1.5
3 x ½	151-302	HB	11.0	2.5
3 x ¾	151-303	HB	11.0	2.5
3 x 1	151-304	M	11.0	2.5
3 x 1¼	151-305	M	11.0	2.5
3 x 1½	151-306	M	11.0	2.5
3 x 2	151-308	M	11.0	2.5
4 x ½	151-402	HB	10.7	3.1
4 x ¾	151-403	HB	10.7	3.1
4 x 1	151-404	M	10.7	3.1
4 x 1¼	151-405	M	10.7	3.1
4 x 1½	151-406	M	10.7	3.1
4 x 2	151-408	M	10.7	3.1
6 x ½	151-602	HB	9.3	5.8
6 x ¾	151-603	HB	9.3	5.8
6 x 1	151-604	HB	9.3	5.8
6 x 1¼	151-605	HB	9.3	5.8
6 x 1½	151-606	M	9.3	5.8
6 x 2	151-608	M	11.5	5.8

### ACME SERVICE TEE (GxGxACME) (315psi rated)



SIZE	PART #	STYLE	A	L	WT (approx.)
2 x 1	153-204	M	4.5	9.2	1.4
2 x 1¼	153-205	M	4.5	9.2	1.4
2 x 1½	153-206	M	4.5	9.2	1.5
2½ x 1	153-254	M	4.4	9.6	1.9
2½ x 1¼	153-255	M	4.4	9.6	1.9
2½ x 1½	153-256	M	4.4	9.6	1.9
3 x 1	153-304	M	3.9	10.2	2.8
3 x 1¼	153-305	M	3.9	10.2	2.7
3 x 1½	153-306	M	3.8	10.2	2.6



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