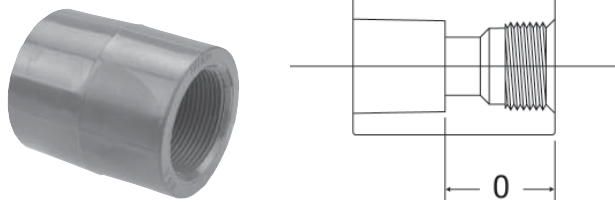


**Adapters**

Chemtrol  
Fig. No.

**5103 Female Adapter Coupling (S x FPT)**



Nominal Size	Universal Part No.	Ctn. Qty.	Approx. Lbs./Ea.	Dim. O
1/4	1835-002	5	0.06	0.76
1/2	1835-005	15	0.10	1.13
3/4	1835-007	10	0.15	1.26
1	1835-010	10	0.23	1.38
1 1/4	1835-012	5	0.34	1.51
1 1/2	1835-015	5	0.43	1.63
2	1835-020	5	0.60	1.76
2 1/2	1835-025	5	0.82	1.97
3	1835-030	5	1.27	2.08
4	1835-040	5	1.13	2.46

**5104 Male Adapter (S x MPT)**

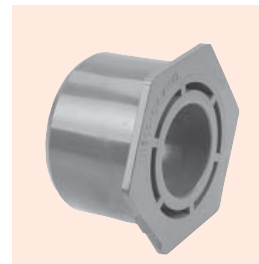


Nominal Size	Universal Part No.	Ctn. Qty.	Approx. Lbs./Ea.	Dim. OM
1/2	1836-005	25	0.04	0.94
3/4	1836-007	25	0.06	0.96
1	1836-010	25	0.10	1.14
1 1/4	1836-012	10	0.14	1.11
1 1/2	1836-015	10	0.19	1.11
2	1836-020	10	0.27	1.19
2 1/2	1836-025	5	0.56	1.88
3	1836-030	5	0.79	1.97
4	1836-040	5	1.56	2.08

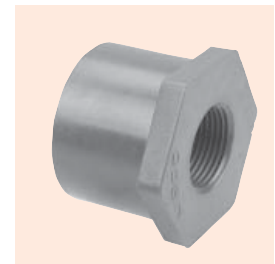
**Bushings**

**Design Styles**

The design style of most bushings is to have a solid wall between the inside and outside connections. Some of the multistep reductions with exceedingly thick cross-sections are not solid. This design style achieves structural support with a web of ribs attaching the inner and outer connection walls, with the open area toward the exterior bushing face. The styles are denoted by W and S for webbed and solid designs respectively.



Webbed design



Solid design

Chemtrol  
Fig. No.

**5118 Flush Socket Reducer Bushing (SPG x S)**



Nominal Size	Universal Part No.	Ctn. Qty.	Approx. Lbs./Ea.	Design Style	Dim. L	Dim. NN
1/2 x 1/4	1837-072	25	0.04	S	1.17	0.53
3/4 x 1/2	1837-101	25	0.06	S	1.15	0.26
1 x 1/2	1837-130	25	0.07	S	1.28	0.39
1 x 3/4	1837-131	25	0.06	S	1.28	0.26
1 1/4 x 1/2	1837-166	10	0.11	S	1.41	0.52
1 1/4 x 3/4	1837-167	10	0.09	S	1.41	0.39
1 1/4 x 1	1837-168	10	0.07	S	1.41	0.27
1 1/2 x 1/2	1837-209	10	0.13	W	1.53	0.64
1 1/2 x 3/4	1837-210	10	0.11	S	1.53	0.51
1 1/2 x 1	1837-211	10	0.09	S	1.53	0.39
1 1/2 x 1 1/4	1837-212	10	0.07	S	1.53	0.26
2 x 1/2	1837-247	10	0.27	W	1.66	0.77
2 x 3/4	1837-248	10	0.27	W	1.66	0.64
2 x 1	1837-249	10	0.27	W	1.66	0.52
2 x 1 1/4	1837-250	5	0.23	S	1.66	0.39
2 x 1 1/2	1837-251	10	0.21	S	1.66	0.27
2 1/2 x 2	1837-292	5	0.26	S	1.93	0.42
3 x 1 1/2	1837-337	5	0.75	W	2.41	1.02
3 x 2	1837-338	5	0.70	S	2.41	0.90
3 x 2 1/2	1837-339	5	0.49	S	2.41	0.63