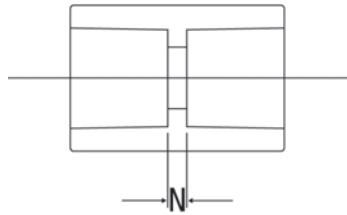


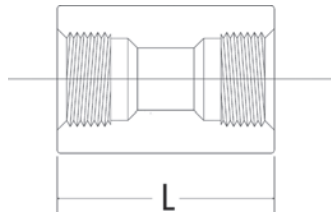
Couplings

6501/6601 Socket Coupling (S x S)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. N
	Red	Natural			
1/2	3829-005	4829-005	5	0.12	0.28
3/4	3829-007	4829-007	5	0.16	0.27
1	3829-010	4829-010	5	0.26	0.26
1 1/2	3829-015	4829-015	2	0.49	0.25
2	3829-020	4829-020	2	0.71	0.24
3	3829-030	4829-030	2	1.43	0.21
4	3829-040	4829-040	2	2.47	0.19
6	3829-060	4829-060	1	5.49	0.21

6501-3-3/6601-3-3 Thread Coupling (FPT x FPT)

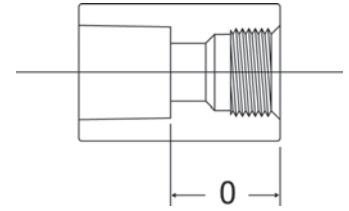


Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. L
	Red	Natural			
1/2	3830-005	4830-005	5	0.12	1.98
3/4	3830-007	4830-007	5	0.16	2.22
1	3830-010	4830-010	5	0.56	2.46
1 1/2	3830-015	4830-015	2	0.49	2.95
2	3830-020	4830-020	2	0.71	3.19

Adapters

Chemtrol
Fig. No.

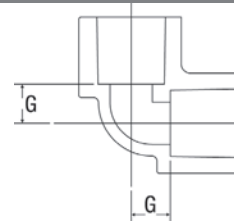
6503/6603 Female Adapter Coupling (S x FPT)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. O
	Red	Natural			
1/2	3835-005	4835-005	5	0.12	1.13
3/4	3835-007	4835-007	5	0.16	1.25
1	3835-010	4835-010	5	0.26	1.36
1 1/2	3835-015	4835-015	2	0.49	1.60
2	3835-020	4835-020	2	0.71	1.72

Elbows

6507/6607 Socket 90° Elbow (S x S)



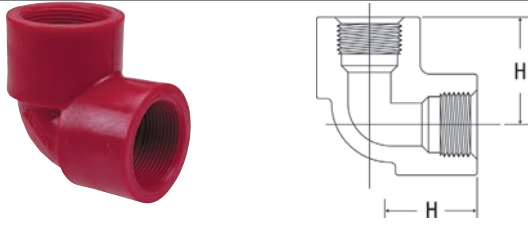
Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. G
	Red	Natural			
1/2	3806-005	4806-005	5	0.12	0.52
3/4	3806-007	4806-007	5	0.18	0.69
1	3806-010	4806-010	5	0.28	0.74
1 1/2	3806-015	4806-015	2	0.56	1.04
2	3806-020	4806-020	2	0.95	1.23
3	3806-030	4806-030	2	2.51	1.80
4	3806-040	4806-040	2	4.02	2.28
6	3806-060	4806-060	1	9.76	3.39

For complete technical information and more, refer to our website at www.chemtrol.com.

Elbows

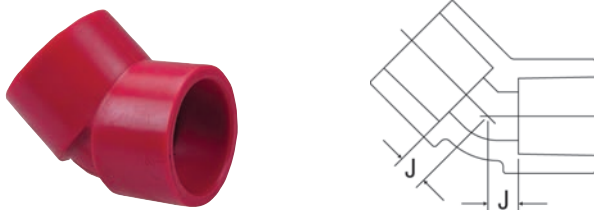
Chemtrol
Fig. No.

6507-3-3/6607-3-3 Thread 90° Elbow (FPT x FPT)



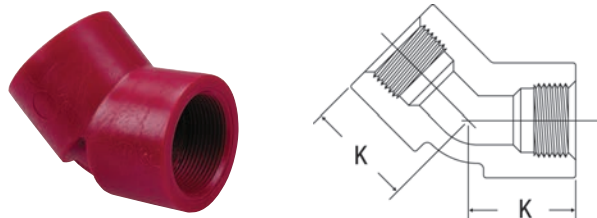
Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. H
	Red	Natural			
1/2	3808-005	4808-005	5	0.13	1.37
3/4	3808-007	4808-007	5	0.20	1.60
1	3808-010	4808-010	5	0.32	1.84
1 1/2	3808-015	4808-015	2	0.64	2.39
2	3808-020	4808-020	2	0.80	2.71

6506/6606 Socket 45° Elbow (S x S)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. J
	Red	Natural			
1/2	3817-005	4817-005	5	0.10	0.27
3/4	3817-007	4817-007	5	0.14	0.33
1	3817-010	4817-010	5	0.29	0.37
1 1/2	3817-015	4817-015	2	0.49	0.46
2	3817-020	4817-020	2	0.68	0.59
3	3817-030	4817-030	2	1.53	0.77
4	3817-040	4817-040	2	2.71	0.99
6	3817-060	4817-060	1	6.40	1.69

6506-3-3/6606-3-3 Thread 45° Elbow (FPT x FPT)

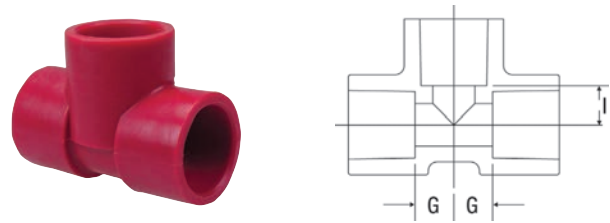


Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. K
	Red	Natural			
1/2	3819-005	4819-005	5	0.12	1.12
3/4	3819-007	4819-007	5	0.18	1.31
1	3819-010	4819-010	5	0.29	1.47
1 1/2	3819-015	4819-015	2	0.55	1.81
2	3819-020	4819-020	2	0.80	2.07

Tees

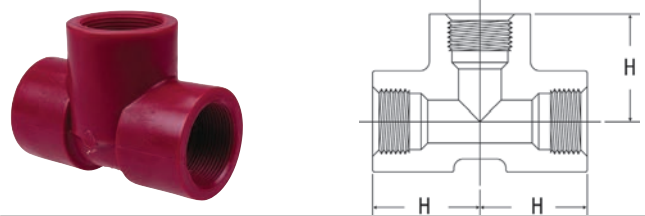
Chemtrol
Fig. No.

6511/6611 Socket Tee (S x S x S)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. G	Dim. I
	Red	Natural				
1/2	3801-005	4801-005	5	0.16	0.52	0.52
3/4	3801-007	4801-007	5	0.29	0.69	0.69
1	3801-010	4801-010	5	0.47	0.74	0.74
1 1/2	3801-015	4801-015	2	0.79	1.04	1.04
2	3801-020	4801-020	2	1.36	1.23	1.23
3	3801-030	4801-030	2	2.61	1.80	1.80
4	3801-040	4801-040	2	4.50	2.28	2.28
6	3801-060	4801-060	1	11.33	3.39	3.39

6512-3-3/6612-3-3 Thread Tee (FPT x FPT x FPT)



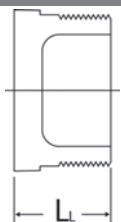
Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. H
	Red	Natural			
1/2	3805-005	4805-005	5	0.18	1.37
3/4	3805-007	4805-007	5	0.30	1.60
1	3805-010	4805-010	5	0.44	1.84
1 1/2	3805-015	4805-015	2	0.92	2.39
2	3805-020	4805-020	2	1.31	2.71

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Plugs

Chemtrol
Fig. No.

6516-4/6616-4 Thread Plug (MPT)

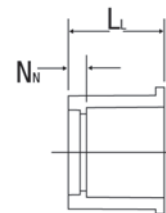


Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. L1
	Red	Natural			
1/2	3850-005	4850-005	5	0.03	1.14
3/4	3850-007	4850-007	5	0.08	1.26
1	3850-010	4850-010	5	0.10	1.48
1 1/2	3850-015	4850-015	2	0.18	1.78
2	3850-020	4850-020	2	0.26	1.89

Bushings

Chemtrol
Fig. No.

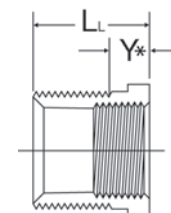
6518/6618 Flush Socket Reducer Bushing (SPG x S)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Design Style*	Dim. L1	Dim. N1
	Red	Natural					
3/4 x 1/2	3837-101	4837-101	5	0.08	S	1.40	0.55
1 x 1/2	3837-130	4837-130	5	0.16	S	1.52	0.67
1 x 3/4	3837-131	4837-131	5	0.08	S	1.52	0.55
1 1/2 x 1	3837-249	4837-168	5	0.34	S	1.79	0.69
2 x 1	3837-249	4837-249	5	0.63	S	1.89	0.79
2 x 1 1/2	3837-251	4837-251	5	0.50	S	1.89	0.54
3 x 2	3837-338	4837-338	5	0.88	S	2.36	0.88
4 x 3	3837-422	4837-442	5	1.36	S	2.74	0.89
6 x 4	3837-532	4837-532	2	4.67	S	2.98	0.76

* All Bushings have solid walls.

6518-3-4/6618-3-4 Flush Thread Reducer Bushing (MPT x FPT)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Design Style	Dim. L1	Dim. Y*
	Red	Natural					
3/4 x 1/2	3839-101	4839-101	5	0.05	S	1.26	0.43
1 x 1/2	3839-130	4839-130	5	0.16	S	1.52	0.43
1 x 3/4	3839-131	4839-131	5	0.08	S	1.52	0.45
1 1/2 x 1	3839-211	4839-211	5	0.19	S	1.79	0.53
2 x 1	3839-249	4839-249	5	0.35	S	1.89	0.53
2 x 1 1/2	3839-251	4839-251	5	0.22	S	1.89	0.55

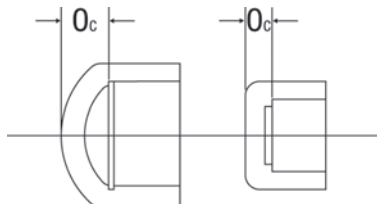
* Typical male component engagement, hand tight (L1 in ANSI B1.20.1 thread spec.) plus 1 1/2 turns plus.

** All Bushings have solid walls.

*For questions concerning thermoplastic piping systems, please call or fax: **888.446.4226 (ph)**, **888.336.4226 (fx)**.*

Caps

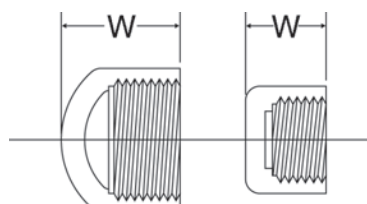
6517/6617 Socket Cap (S)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. Oc
	Red	Natural			
1/2	3847-005	4847-005	5	0.07	0.40
3/4	3847-007	4847-007	5	0.10	0.37
1	3847-010	4847-010	5	0.17	0.41
1 1/2	3847-015	4847-015	2	0.29	0.40
2	3847-020	4847-020	2	0.48	0.41

Note: Caps are flat top style.

6517-3/6617-3 Thread Cap (FPT)

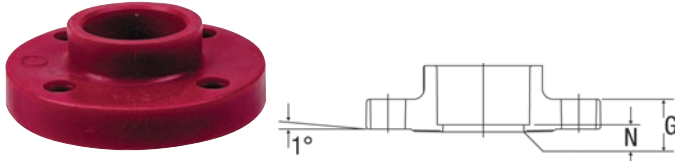


Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. W
	Red	Natural			
1/2	3848-005	4848-005	5	0.07	1.25
3/4	3848-007	4848-007	5	0.10	1.34
1	3848-010	4848-010	5	0.17	1.51
1 1/2	3848-015	4848-015	2	0.33	1.75
2	3848-020	4848-020	2	0.48	1.88

Class 150 Flanges

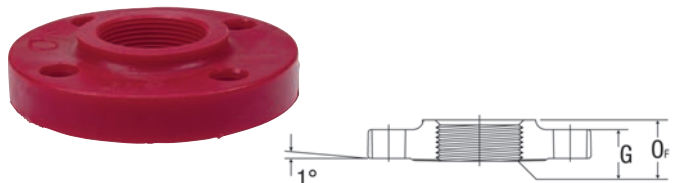
Chemtrol
Fig. No.

6551-H/6651-H Socket Flange (S), One-Piece (Solid)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. G	Dim. N
	Red	Natural				
1/2	3851-H05	4851-H05	5	0.25	0.53	0.19
3/4	3851-H07	4851-H07	5	0.33	0.59	0.20
1	3851-H10	4851-H10	5	0.48	0.66	0.21
1 1/2	3851-H15	4851-H15	2	0.75	0.72	0.23
2	3851-H20	4851-H20	2	1.16	0.90	0.27
3	3851-H30	4851-H30	2	2.56	1.10	0.34
4	3851-H40	4851-H40	2	3.86	1.21	0.31
6	3851-H60	4851-H60	1	5.89	1.32	0.21

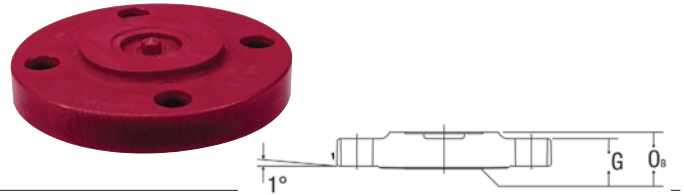
6551-H-3/6651-H-3 Thread Flange (FPT), One Piece (Solid)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. G	Dim. OF
	Red	Natural				
1/2	3852-H05	4852-H05	5	0.25	0.53	0.87
3/4	3852-H07	4852-H07	5	0.34	0.59	0.88
1	3852-H10	4852-H10	5	0.47	0.66	1.07
1 1/2	3852-H15	4852-H15	2	0.71	0.72	1.11
2	3852-H20	4852-H20	2	1.10	0.90	1.15

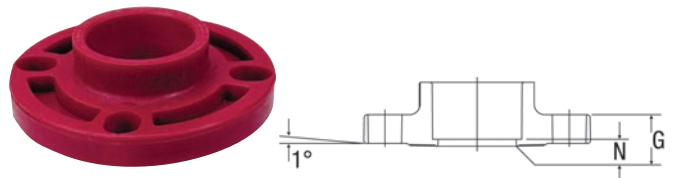
Chemtrol
Fig. No.

6519-H/6619-H Blind Flange, One-Piece (Solid)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. G	Dim. OB
	Red	Natural				
1/2	3853-H05	4853-H05	5	0.25	0.53	0.74
3/4	3853-H07	4853-H07	5	0.37	0.59	0.81
1	3853-H10	4853-H10	5	0.51	0.66	0.87
1 1/2	3853-H15	4853-H15	2	0.82	0.72	0.98
2	3853-H20	4853-H20	2	1.27	0.90	1.10
3	3853-H30	4853-H30	2	2.89	1.10	1.36
4	3853-H40	4853-H40	2	4.20	1.21	1.45
6	3853-H60	4853-H60	1	7.40	1.32	1.58

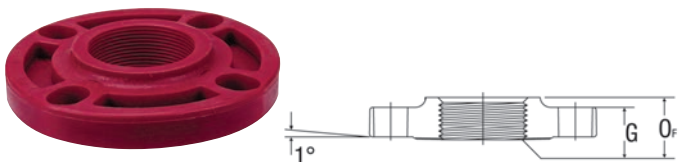
6551-W/6651-W Socket Flange (S), One-Piece (Webbed Design)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. G	Dim. N
	Red	Natural				
2	3851-020	4851-020	2	0.89	0.90	0.27
3	3851-030	4851-030	2	1.97	1.10	0.34
4	3851-040	4851-040	2	2.97	1.21	0.31
6	3851-060	4851-060	1	4.54	1.32	0.21

Note: One-piece webbed flanges have oblong bolt holes which permit mating with ANSI B16.5, 150lb.; BS 1560, class 150; ISO 2084, PN10; and DIN 2532, PN10.

6551-W-3/6651-W-3 Thread Flange (FPT), One-Pc (Webbed Design)



Nominal Size	Universal Part No.		Ctn. Qty.	Approx. Lbs./Ea.	Dim. G	Dim. OF
	Red	Natural				
2	3852-020	4852-020	2	0.88	0.90	1.15

Note: One-piece webbed flanges have oblong bolt holes which permit mating with ANSI B16.5, 150 lb.; BS 1560, class 150; ISO 2084, PN10; and DIN 2532, PN10.

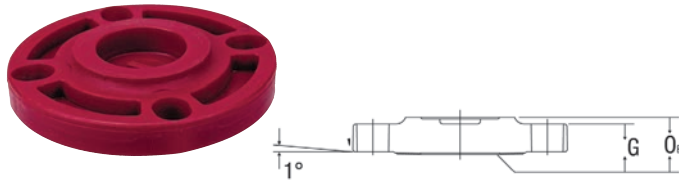
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WARNING: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

Revision 9/23/2013

Chemtrol
Fig. No.

6519-W/6619-W Blind Flange, One-Piece (Webbed Design)



Nominal Size	Universal Part No. Red	Universal Part No. Natural	Ctn. Qty.	Approx. Lbs./Ea.	Dim. G	Dim. O _B
2	3853-020	4853-020	2	0.91	0.90	1.10
3	3853-030	4853-030	2	2.08	1.10	1.36
4	3853-040	4853-040	2	3.02	1.21	1.45
6	3853-060	4853-060	1	5.33	1.32	1.58

Note: One-piece webbed flanges have oblong bolt holes which permit mating with ANSI B16.5, 150 lb.; BS 1560, class 150; ISO 2084, PN10; and DIN 2532, PN10.

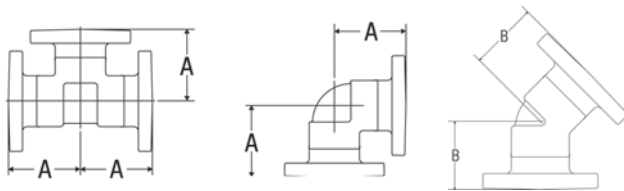
NR 51 Flange Gaskets, for Class 150 Flanges

Note: These gaskets are 1/8" thick, full face Polychloroprene (CR), 70 durometer.

Nominal Size	Part No.	Approx. Lbs./Ea.
1/2	↑ Use Figure No. & Nom. Size ↓	0.11
3/4		0.12
1		0.13
1 1/4		0.14
1 1/2		0.15
2		0.20

See page 12 for additional sizes.

Flanged Fittings*— Fabricated from Molded Components



Nominal Size	Flanged Tee		Flanged 90° ELL		Flanged 45° ELL	
	Approx. Lbs./Ea.	Dim. A	Approx. Lbs./Ea.	Dim. A	Approx. Lbs./Ea.	Dim. B
1/2	0.45	2 13/32	0.41	2 13/32	0.39	2 5/32
3/4	0.68	2 23/32	0.57	2 23/32	0.53	2 15/32
1	1.04	3 3/32	0.85	3 3/32	0.86	2 23/32
1 1/2	1.73	3 31/32	1.50	3 31/32	1.43	3 13/32
2	2.80	4 15/32	2.39	4 15/32	2.12	3 27/32

*Flanged fittings are produced by heat fusion of socket flanges to socket fittings with short plain end pipe nipples.

Unions

Chemtrol
Fig. No.

6533/6633 FKM Socket Union (S x S)



Nominal Size	Universal Part No. Red	Universal Part No. Natural	Approx. Lbs./Ea.	Dim. A	Dim. L	Dim. S*
1/2	3897-005	4897-005	0.17	1.95	0.43	0.85
3/4	3897-007	4897-007	0.31	2.36	0.48	0.98
1	3897-010	4897-010	0.46	2.75	0.44	1.10
1 1/2	3897-015	4897-015	1.04	3.98	0.78	1.35
2	3897-020	4897-020	2.17	5.13	0.80	1.48

Unions are supplied with FKM O-Rings. EPDM O-Rings may be ordered for field replacement, where required. Socket x Thread is available on request.

*Socket Depth

6533-3-3/6633-3-3 FKM Socket Union (FPT x FPT)



Nominal Size	Universal Part No. Red	Universal Part No. Natural	Approx. Lbs./Ea.	Dim. A	Dim. L	Dim. T*
1/2	3898-005	4898-005	0.18	1.95	1.27	0.43
3/4	3898-007	4898-007	0.32	2.36	1.53	0.45
1	3898-010	4898-010	0.47	2.75	1.58	0.53
1 1/2	3898-015	4898-015	1.11	3.98	2.38	0.55
2	3898-020	4898-020	2.24	5.13	2.61	0.57

Unions are supplied with FKM O-Rings. EPDM O-Rings may be ordered for field replacement, where required. Socket x Thread is available on request.

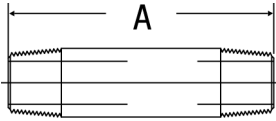
* Thread Joint Engagement

Nipples

Chemtrol
Fig. No.

6529/6629 Threaded Pipe Nipple (MPT x MPT)

Example of part identification 1/2" x Short PVDF Nipple – 6129 1/2" – SH



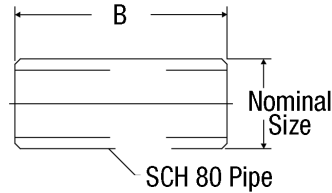
Nom. Size	Length – Close			Length – Short			Length – 3"	
	Ctn. Qty.	Approx. Lbs./Ea.	Dim. A	Ctn. Qty.	Approx. Lbs./Ea.	Dim. A	Ctn. Qty.	Approx. Lbs./Ea.
1/2	5	0.02	1.13	5	0.03	1.50	5	0.06
3/4	5	0.04	1.38	5	0.05	2.00	5	0.08
1	5	0.06	1.50	5	0.07	2.00	5	0.12
1 1/2	5	0.13	1.75	5	0.15	2.50	5	0.19
2	5	0.20	2.00	5	0.23	2.50	5	0.27

Nom. Size	Length – 4"		Length – 5"		Length – 6"	
	Ctn. Qty.	Approx. Lbs./Ea.	Ctn. Qty.	Approx. Lbs./Ea.	Ctn. Qty.	Approx. Lbs./Ea.
1/2	5	0.08	5	0.10	5	0.12
3/4	5	0.11	5	0.14	5	0.17
1	5	0.17	5	0.21	5	0.25
1 1/2	5	0.26	5	0.34	5	0.41
2	5	0.38	5	0.48	5	0.60

Chemtrol
Fig. No.

6531/6631 Plain End Pipe Nipple (SPG x SPG)

Used for fusion joining flanges to fitting or for joining any Sch. 80 fitting face-to-face.



Used for joining any Sch. 80 PVDF fitting face-to-face.

Nominal Size	Universal Part No.	Ctn. Qty.	Approx. Lbs./Ea.	Dim. B
1/2		12	0.04	1.63
3/4	Use Figure No. &	12	0.06	1.86
1	Nom. Size	12	0.09	2.08
1 1/2		12	0.16	2.56
2		12	0.28	2.77
3		1	0.78	3.75

For complete technical information and more, refer to our website at www.chemtrol.com.