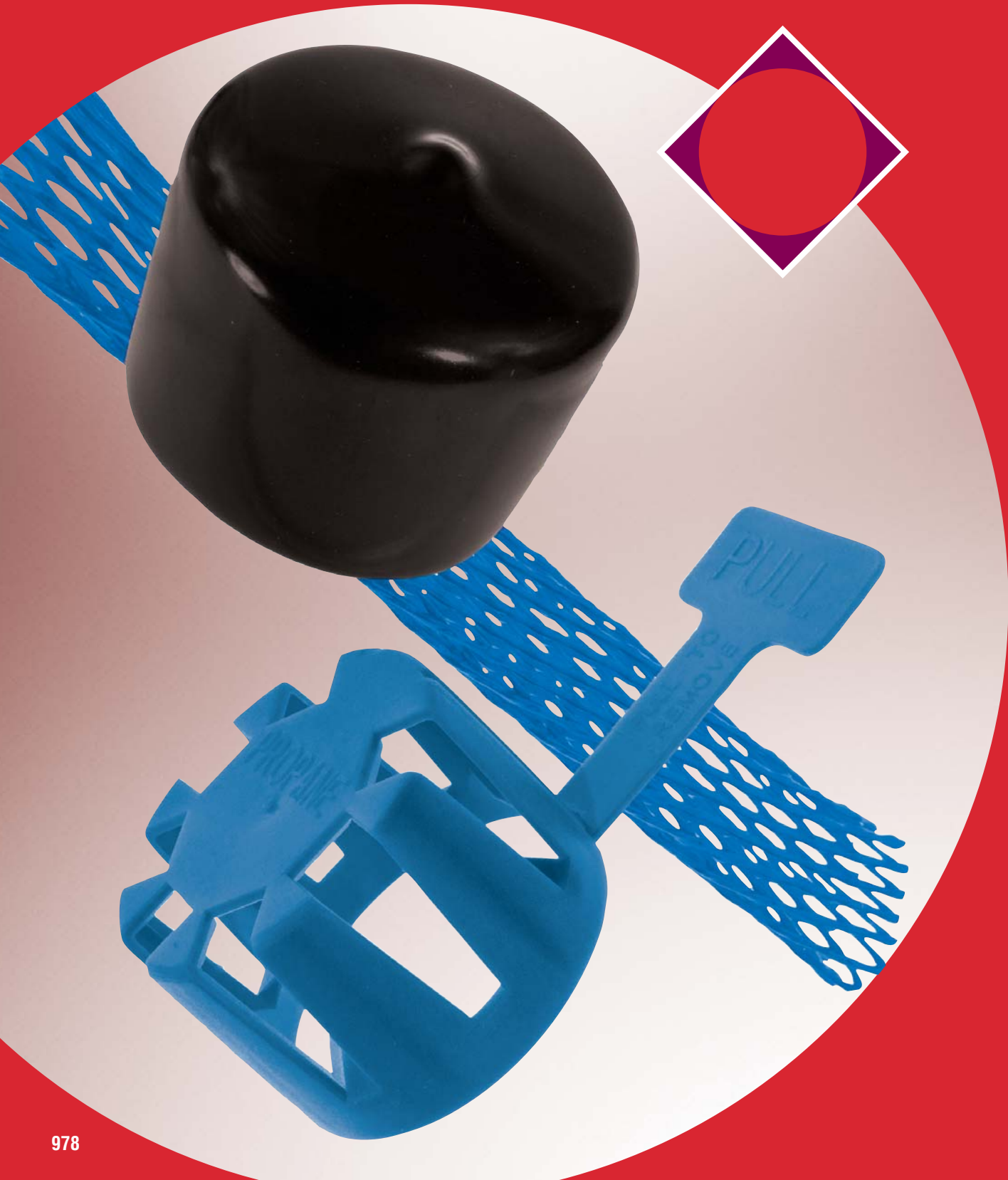


CAPS, PLUGS & MASKING



Application Wizards

1023 - 1025, 1039 - 1040



High Temperature Masking Caps

1031 - 1034, 1038



High Temperature Masking Plugs

1026 - 1030



Netting

1022



Pipe Protection Caps & Plugs

984 - 986



Propane Valve Caps & Plugs

1021



Push-Fit Caps

988 - 1001



Push-Fit Plugs

1004 - 1013



Sucker Rod Protectors & Stator Caps

987



Tapered Caps & Plugs

980 - 983



Threaded Caps

1002 - 1003



Threaded Plugs

1014 - 1021

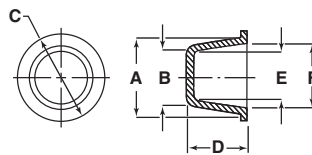




TAPERED CAPS & PLUGS

Buy One or Buy Bulk & SAVE

Numbered Series Tapered Caps or Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to Chart

Features:

- The tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters
- Protects against damage, dirt, moisture and corrosion during storage and shipping

To Assure Proper Fit:



Plug dimension "A" should be approx. 1% larger than the inner diameter of the part.
Minimum of .020"



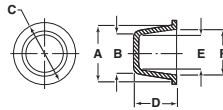
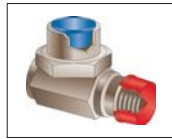
Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part.
Minimum of .020"

See pages 1023 and 1024 for Application Wizards.

Item No.	Use as a Plug						Use as a Cap						Pack Qty.	Bulk Pack Qty.	
	A		B		C		D		E		F				
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			
001A	—	0.180	4.57	0.115	2.92	0.313	7.94	0.406	10.32	0.051	1.30	0.118	3.00	1	5000
001-SA	—	0.180	4.57	0.138	3.51	0.310	7.87	0.250	6.35	0.051	1.30	0.118	3.00	1	5000
1000A	—	0.205	5.21	0.145	3.68	0.410	10.41	0.410	10.41	0.079	2.01	0.150	3.81	1	5000
002A	002C	0.240	6.10	0.175	4.45	0.375	9.53	0.375	9.53	0.109	2.77	0.175	4.45	1	5000
003A	—	0.268	6.81	0.209	5.31	0.375	9.53	0.375	9.53	0.127	3.23	0.193	4.90	1	5000
003WA	—	0.274	6.95	0.200	5.08	0.594	15.08	0.375	9.53	0.150	3.81	0.220	5.58	1	5000
004A	004B	0.275	6.99	0.209	5.31	0.438	11.11	0.375	9.53	0.150	3.81	0.209	5.31	1	5000
005A	005B	0.302	7.67	0.240	6.10	0.469	11.91	0.375	9.53	0.175	4.45	0.240	6.10	1	5000
006A	006B	0.335	8.51	0.265	6.73	0.469	11.91	0.375	9.53	0.204	5.18	0.275	6.99	1	5000
007A	007B	0.365	9.27	0.300	7.62	0.531	13.49	0.375	9.53	0.234	5.94	0.301	7.65	1	5000
007WA	—	0.365	9.27	0.300	7.62	0.680	17.27	0.375	9.53	0.234	5.94	0.301	7.65	1	5000
007SA	—	0.365	9.27	0.330	8.38	0.500	12.70	0.219	5.56	0.266	6.76	0.301	7.65	1	5000
008A	008C	0.398	10.11	0.330	8.38	0.563	14.29	0.375	9.53	0.275	6.99	0.330	8.38	1	5000
009A	009C	0.428	10.87	0.360	9.14	0.594	15.08	0.375	9.53	0.299	7.59	0.365	9.27	1	5000
010A	010B	0.460	11.68	0.390	9.91	0.625	15.88	0.375	9.53	0.325	8.26	0.396	10.06	1	5000
011A	011B	0.485	12.32	0.420	10.67	0.594	15.08	0.375	9.53	0.356	9.04	0.421	10.69	1	5000
012A	012E	0.512	13.00	0.447	11.35	0.625	15.88	0.406	10.32	0.385	9.78	0.448	11.38	1	5000
013A	013C	0.547	13.89	0.490	12.45	0.719	18.26	0.500	12.70	0.409	10.39	0.485	12.32	1	5000
013SPA	—	0.545	13.84	0.478	12.14	0.719	18.26	0.313	7.94	0.410	10.41	0.480	12.19	1	5000
013WA	—	0.547	13.89	0.478	12.14	0.875	22.23	0.500	12.70	0.409	10.39	0.485	12.32	1	7000
014A	014C	0.568	14.43	0.500	12.70	0.750	19.05	0.438	11.11	0.435	11.05	0.503	12.78	1	5000
015A	—	0.576	14.63	0.500	12.70	0.720	18.29	0.470	11.94	0.440	11.18	0.516	13.11	1	5000
—	015A	0.594	15.09	0.504	12.80	0.728	18.49	0.949	24.10	0.421	10.69	0.520	13.21	1	4000
016A	016D	0.620	15.75	0.531	13.49	0.750	19.05	0.500	12.70	0.468	11.89	0.555	14.10	1	7500
1020A	—	0.612	15.54	0.554	14.07	0.750	19.05	0.340	8.64	0.490	12.45	0.551	14.00	1	5000
017A	017D	0.634	16.10	0.550	13.97	0.781	19.84	0.500	12.70	0.485	12.32	0.568	14.43	1	7500
018A	018E	0.675	17.15	0.580	14.99	0.875	22.23	0.531	13.49	0.520	13.21	0.605	15.37	1	5000
020A	020D	0.695	17.65	0.610	15.49	0.844	21.43	0.500	12.70	0.549	13.94	0.634	16.10	1	6000
021A	021B	0.728	18.49	0.641	16.28	0.875	22.23	0.500	12.70	0.575	14.61	0.665	16.89	1	5000
1025A	—	0.694	17.63	0.669	16.99	0.750	19.05	0.220	5.59	0.613	15.57	0.638	16.21	1	5000
022A	022C	0.754	19.15	0.675	17.15	0.875	22.23	0.625	15.88	0.615	15.62	0.690	17.53	1	4000
023A	023C	0.785	19.94	0.690	17.53	0.938	23.81	0.625	15.88	0.625	15.88	0.724	18.39	1	4000
024A	—	0.805	20.45	0.750	19.05	0.860	21.84	0.190	4.83	0.688	17.48	0.743	18.87	1	7500
026A	026C	0.825	20.96	0.725	18.42	1.000	25.40	0.500	12.70	0.662	16.81	0.760	19.30	1	4000
026-LA	—	0.825	20.96	0.725	18.42	0.970	24.64	0.590	14.99	0.662	16.81	0.760	19.30	1	8000
027A	027E	0.848	21.54	0.750	19.05	1.031	26.19	0.625	15.88	0.686	17.42	0.777	19.74	1	7000
—	027AA	0.882	22.40	0.768	19.50	1.039	26.40	0.787	20.00	0.701	17.80	0.823	20.90	1	3000
028A	028D	0.910	23.11	0.802	20.37	1.094	27.78	0.750	19.05	0.725	18.42	0.846	21.49	1	5000
029A	029D	0.931	23.65	0.820	20.83	1.125	28.58	0.625	15.88	0.754	19.15	0.868	22.05	1	5500
030A	030C	0.973	24.71	0.856	21.74	1.125	28.58	0.750	19.05	0.768	19.51	0.906	23.01	1	4500
031A	031D	0.975	24.77	0.870	22.10	1.125	28.58	0.625	15.88	0.804	20.42	0.920	23.37	1	5000
035A	035D	1.040	26.42	0.895	22.73	1.140	29.37	0.750	19.05	0.832	21.13	0.975	24.77	1	4500
038A	—	1.045	26.54	0.980	24.89	1.250	31.75	0.500	12.70	0.916	23.27	0.984	24.99	1	2500
—	039A	1.059	26.90	0.945	24.00	1.220	31.00	0.748	19.00	0.862	21.90	0.984	24.99	1	2000
040A	040B	1.096	27.83	0.966	24.54	1.250	31.75	0.750	19.05	0.902	22.91	1.038	26.31	1	3500
041A	041C	1.145	29.08	1.002	25.45	1.313	33.34	0.750	19.05	0.938	23.83	1.079	27.46	1	3500
—	041AA	1.161	29.50	0.969	24.60	1.339	34.00	1.134	28.80	0.886	22.50	1.083	27.50	1	1500
—	GPT643A	1.215	30.86	1.094	27.79	1.375	34.93	0.750	19.05	1.031	26.19	1.152	29.26	1	2000
042A	042D	1.225	31.12	1.110	28.19	1.516	38.50	0.750	19.05	1.038	26.37	1.180	29.97	1	2500
044A	044D	1.292	32.81	1.165	29.59	1.420	36.10	0.750	19.05	1.090	27.69	1.205	30.61	1	2500
1035A	—	1.310	33.27	0.840	21.34	1.430	36.32	1.090	27.69	0.777	19.74	1.247	31.67	1	2500
1040A	—	1.284	32.61	1.175	29.85	1.670	42.42	0.750	19.10	1.113	28.27	1.222	31.04	1	2000
1050A	—	1.312	33.32	1.276	32.41	1.380	35.05	0.560	14.22	1.155	29.24	1.190	30.23	1	2000
045A	045D	1.355	34.42	1.225	31.12	1.500	38.10	0.750	19.05	1.160	29.46	1.295	32.89	1	2500
046A	046B	1.350	34.29	1.235	31.37	1.500	38.10	0.750	19.05	1.140	28.96	1.295	32.89	1	2500
047A	—	1.362	34.59	1.291	32.79	1.500	38.10	0.750	19.05	1.227	31.17	1.300	33.02	1	2000
1055A	—	1.420	36.07	1.140	28.96	1.560	39.62	0.840	21.34	1.085	27.56	1.358	34.49	1	2500
048A	048D	1.455	36.96	1.291	32.79	1.625	41.28	1.000	25.40	1.227	31.17	1.391	35.33	1	1500
049A	049B	1.470	37.34	1.311	33.30	1.625	41.28	0.750	19.05	1.249	31.72	1.400	35.56	1	2000
051A	051E	1.517	38.53	1.344	34.14	1.750	44.45	0.938	23.81	1.282	32.56	1.460	36.83	1	1500
—	052A	1.583	40.21	1.413	35.89	1.736	44.09	1.004	25.50	1.307	33.20	1.476	37.49	1	1000
053A	053C	1.600	40.64	1.450	36.83	1.750	44.45	0.750	19.05	1.385	35.18	1.535	38.99	1	2000
054A	054D	1.602	40.69	1.520	38.61	1.780	45.21	0.750	19.05	1.456	36.98	1.537	39.04	1	1700
K5A	—	1.525	38.74	1.525	38.74	1.713	43.51	0.500	12.70	1.445	36.70	1.445	36.70	1	2500
055A	055E	1.673	42.49	1.560	39.62	1.875	47.63	0.750	19.05	1.497	38.02	1.620	41.15	1	1500
056A	056C	1.750	44.45	1.606	40.79	1.938	49.21	0.750	19.05	1.568	39.83	1.685	42.80	1	1500
1065A	—	1.850	46.99	1.720	43.69	2.030	51.56	0.750	19.05	1.664	42.27	1.794	45.57	1	3500
057A	057C	1.870	47.50	1.735	44.07	2.031	51.60	0.750	19.05	1.675	42.55	1.820	46.23	1	1200



**Numbered Series
 Tapered Caps or Plugs (continued)**



To Assure Proper Fit:



Plug dimension "A" should be approx. 1% larger than the inner diameter of the part.
 Minimum of .020"



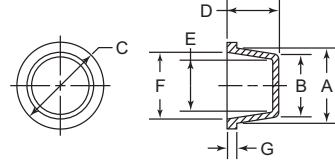
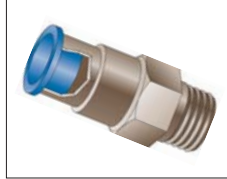
Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part.
 Minimum of .020"

See pages 1023 and 1024 for Application Wizards.

Item No.	Use as a Plug						Use as a Cap						Pack Qty.	Bulk Pack Qty.	
	A		B		C		D		E		F				
Blue	Red	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm		
1070A	—	1.900	48.26	1.440	36.58	2.060	52.32	1.310	33.27	1.378	35.00	1.833	46.56	1	1000
—	057AB	1.913	48.60	1.709	43.41	2.102	53.40	1.004	25.50	1.622	41.20	1.850	46.99	1	600
058A	058B	1.958	49.73	1.806	45.87	2.125	53.98	1.000	25.40	1.745	44.32	1.893	48.08	1	900
059A	059B	1.825	46.36	1.800	45.72	2.031	51.59	0.500	12.70	1.736	44.09	1.760	44.70	1	2000
1075A	—	1.975	50.17	1.865	47.37	2.380	60.45	0.670	17.02	1.785	45.34	1.895	48.13	1	2500
060A	060B	2.020	51.31	1.846	46.89	2.125	53.98	1.000	25.40	1.785	45.34	1.938	49.23	1	1000
061A	—	2.160	54.86	1.740	44.20	2.310	58.67	1.210	30.73	1.668	42.37	2.093	53.16	1	1000
1080A	—	2.065	52.45	1.950	49.53	2.200	55.88	0.750	19.05	1.885	47.88	2.000	50.80	1	2500
062A	062B	2.085	52.96	1.902	48.31	2.250	57.15	1.000	25.40	1.839	46.71	2.015	51.18	1	850
063A	063C	2.168	55.07	1.980	50.29	2.250	57.15	1.000	25.40	1.915	48.64	2.110	53.59	1	800
064A	—	2.310	58.67	1.940	49.28	2.470	62.74	0.880	22.35	1.875	47.63	2.255	57.28	1	1000
1085A	—	2.100	53.34	2.020	51.31	2.590	65.79	0.380	9.65	2.060	52.32	2.140	54.36	1	1000
065A	065B	2.146	54.51	2.016	51.21	2.313	58.74	0.750	19.05	1.955	49.66	2.083	52.91	1	1000
066A	—	2.253	57.23	2.062	52.37	2.438	61.91	1.031	26.20	2.000	50.80	2.175	55.25	1	700
067A	067B	2.355	59.82	2.156	54.76	2.625	66.68	1.000	25.40	2.084	52.93	2.288	58.12	1	600
068A	068C	2.279	57.90	2.224	56.50	2.500	63.50	0.500	12.70	2.150	54.60	2.221	56.41	1	1200
069A	—	2.400	60.96	2.280	57.91	2.800	71.12	0.750	19.05	2.216	56.29	2.336	59.33	1	1500
070A	070B	2.425	61.60	2.128	54.05	2.500	63.50	1.000	25.40	2.045	51.94	2.370	60.20	1	700
071A	071C	2.485	63.12	2.300	58.42	2.625	66.68	1.000	25.40	2.235	56.77	2.400	60.96	1	600
072A	—	2.464	62.59	2.300	58.42	2.660	67.56	0.750	19.05	2.220	56.39	2.383	60.53	1	2000
073A	073E	2.605	66.17	2.395	60.83	2.625	66.68	1.000	25.40	2.331	59.21	2.541	64.54	1	600
074A	—	2.645	67.18	2.428	61.67	2.750	69.85	0.750	19.05	2.420	61.47	2.580	65.53	1	700
075A	—	2.650	67.31	2.311	58.70	2.750	69.85	1.000	25.40	2.245	57.02	2.585	65.66	1	750
076A	076C	2.750	69.85	2.457	62.41	2.875	73.03	1.000	25.40	2.392	60.76	2.685	68.20	1	600
077A	077B	2.690	68.33	2.560	65.02	2.875	73.03	0.750	19.05	2.500	63.50	2.625	66.68	1	700
078A	078C	2.805	71.25	2.645	67.18	3.000	76.20	0.500	12.70	2.580	65.53	2.725	69.22	1	1000
080A	—	2.870	72.90	2.706	68.73	3.060	77.72	0.720	18.29	2.625	66.68	2.789	70.84	1	500
081A	081B	3.000	76.20	2.720	69.09	3.125	79.38	1.000	25.40	2.626	66.70	2.950	74.93	1	500
082A	082C	2.980	75.69	2.850	72.39	3.250	82.55	0.750	19.05	2.785	70.74	2.920	74.17	1	500
083A	083B	3.158	80.21	2.995	76.07	3.375	85.73	0.500	12.70	2.915	74.04	3.098	78.69	1	750
—	GPT684A	3.200	81.28	3.030	76.96	3.594	91.28	0.810	20.57	2.880	73.15	3.070	77.98	1	300
085A	085C	3.245	82.42	2.980	75.69	3.375	85.73	1.000	25.40	2.900	73.66	3.165	80.39	1	400
086A	086D	3.365	85.47	3.090	78.49	3.500	88.90	1.000	25.40	3.005	76.33	3.285	83.44	1	400
087A	087B	3.450	87.63	3.319	84.30	3.625	92.08	0.500	12.70	3.239	82.27	3.371	85.62	1	500
088A	088B	3.575	90.81	3.236	82.19	3.938	100.01	1.000	25.40	3.156	80.16	3.494	88.75	1	300
—	GPT689A	3.585	91.06	3.455	87.76	3.938	100.01	0.750	19.05	3.365	85.47	3.520	89.41	1	250
089A	089C	3.600	91.44	3.465	88.01	3.875	98.43	0.880	22.35	3.405	86.49	3.540	89.22	1	350
K851A	—	3.750	95.25	3.552	90.22	4.000	101.60	1.000	25.40	3.478	88.34	3.676	93.37	1	250
090A	090C	3.800	96.52	3.675	93.35	4.000	101.60	0.750	19.05	3.605	91.57	3.730	94.74	1	300
—	GPT691A	3.900	99.06	3.800	96.52	4.500	114.30	0.438	11.11	3.600	91.44	3.700	93.98	1	250
091A	—	3.925	99.70	3.800	96.52	4.125	104.78	0.688	17.46	3.715	94.36	3.845	97.66	1	300
092A	092C	4.070	103.38	3.915	99.45	4.375	111.13	0.781	19.84	3.810	96.77	3.980	101.09	1	250
093A	093B	4.190	106.43	4.030	102.36	4.500	114.30	0.750	19.05	3.950	100.33	4.110	104.39	1	250
—	GPT690A	4.331	110.01	4.050	102.87	4.625	117.48	1.250	31.75	3.970	100.84	4.230	107.44	1	150
—	GPT692A	4.430	112.52	4.270	108.46	4.875	123.83	0.875	22.23	4.180	106.17	4.340	110.24	1	150
094A	094B	4.445	112.90	4.215	107.06	4.875	123.83	1.000	25.40	4.135	105.03	4.380	111.25	1	200
095A	095C	4.605	116.97	4.365	110.87	5.000	127.00	1.000	25.40	4.289	108.95	4.500	114.30	1	200
096A	096B	4.850	123.19	4.640	117.86	5.250	133.35	0.910	23.11	4.570	116.08	4.780	121.41	1	250
1090A	—	4.970	126.24	4.790	121.67	5.380	136.65	1.030	26.16	4.710	119.63	4.890	124.21	1	250
—	097A	5.039	128.00	4.882	124.00	5.276	134.00	0.965	24.50	4.764	121.00	4.921	125.00	1	150
—	GPT694A	5.071	128.80	4.986	126.64	5.188	131.76	0.500	12.70	4.854	123.29	4.978	126.44	1	150
1100A	1100B	5.090	129.29	4.910	124.71	5.500	139.70	1.030	26.16	4.830	122.68	5.010	127.25	1	250
1110A	—	5.200	132.08	4.990	126.75	5.630	143.00	1.030	26.16	4.920	124.97	5.100	129.54	1	250
—	098A	5.319	135.00	5.071	128.80	5.492	139.50	1.496	38.00	4.882	124.00	5.197	132.00	1	150
099A	—	5.360	136.14	5.180	131.57	5.880	149.35	1.030	26.16	5.110	129.79	5.290	134.37	1	250
100A	100B	5.490	139.45	5.330	135.38	5.880	149.35	0.910	23.11	5.210	132.33	5.370	136.40	1	250
101A	101B	5.620	142.75	5.470	138.94	6.130	155.70	1.000	25.40	5.390	136.91	5.540	140.72	1	100
102A	102B	5.750	146.05	5.570	141.48	6.190	157.23	1.030	26.16	5.490	139.45	5.670	144.02	1	250
103A	103B	5.874	149.20	5.640	143.26	6.250	158.80	1.000	25.40	5.540	140.72	5.794	147.17	1	100
K1249A	—	5.906	150.01	5.551	141.00	6.460	164.08	1.000	25.40	5.433	138.00	5.827	148.01	1	140
—	103AA	6.008	152.60	5.779	146.80	6.280	159.50	1.378	35.00	5.622	142.80	5.850	148.60	1	100
104A	104C	6.180	156.97	6.010	152.65	6.620	168.15	1.000	25.40	5.920	150.37	6.100	154.94	1	90
—	K1274A	6.357	161.47	6.050	153.67	7.043	178.89	1.165	29.69	5.984	152.00	6.299	160.00	1	135
106A	106B	6.560	166.62	6.400	162.56	6.940	176.28	0.900	22.86	6.330	160.78	6.480	164.59	1	100
108A	108B	6.710	170.43	6.610	167.89	7.190	182.63	1.530	38.86	6.530	165.86	6.630	168.40	1	100
K436A	—	7.030	17												



LF Series Wide Flange Caps or Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to Chart

Features:

- Wider flange assures added protection on bearing surfaces
- Wider flange keeps plug from being accidentally pushed down thru the mating part
- The tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters

To Assure Proper Fit:

Plugs	Caps
Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020"	Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part. Minimum of .020"

Item No.	Use as a Plug				Use as a Cap								Color	Pack Qty.	Bulk Pack Qty.		
	A		B		C		D		E		F					G	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			
LF2A	0.240	6.10	0.173	4.39	0.562	14.27	0.465	11.81	0.111	2.82	0.177	4.50	0.090	2.29	Blue	1	5500
LF3A	0.290	7.37	0.236	5.99	0.485	12.32	0.402	10.21	0.146	3.71	0.245	6.22	0.090	2.29	Blue	1	5000
LF5A	0.374	9.50	0.307	7.80	0.724	18.39	0.404	10.26	0.248	6.30	0.303	7.70	0.030	0.76	Red	1	5000
LF6A	0.418	10.62	0.367	9.32	0.740	18.80	0.402	10.21	0.298	7.57	0.354	8.99	0.090	2.29	Blue	1	5000
LF7A	0.447	11.35	0.397	10.08	0.795	20.19	0.402	10.21	0.328	8.33	0.383	9.73	0.090	2.29	Blue	1	5000
LF8A	0.475	12.07	0.427	10.85	0.812	20.62	0.402	10.21	0.356	9.04	0.422	10.72	0.090	2.29	Blue	1	4750
LF9A	0.509	12.93	0.440	11.18	0.820	20.83	0.465	11.81	0.375	9.53	0.450	11.43	0.090	2.29	Blue	1	7500
LF10A	0.547	13.89	0.481	12.22	0.870	22.10	0.460	11.68	0.409	10.39	0.493	12.52	0.090	2.29	Blue	1	7000
LF11A	0.616	15.65	0.530	13.46	0.940	23.88	0.470	11.94	0.470	11.94	0.570	14.48	0.090	2.29	Blue	1	5000
LF11XA	0.631	16.03	0.565	14.35	0.950	24.13	0.491	12.47	0.500	12.70	0.580	14.73	0.090	2.29	Blue	1	5000
LF12A	0.659	16.74	0.580	14.99	0.983	24.97	0.527	13.39	0.518	13.16	0.605	15.37	0.090	2.29	Blue	1	4500
LF12XA	0.687	17.45	0.610	15.49	1.031	26.19	0.527	13.39	0.548	13.92	0.635	16.13	0.090	2.29	Blue	1	4500
LF13XA	0.710	18.03	0.655	16.64	1.062	26.97	0.528	13.41	0.585	14.86	0.647	16.43	0.090	2.29	Yellow	1	4000
LF13A	0.725	18.42	0.628	15.95	1.062	26.97	0.528	13.41	0.558	14.17	0.667	16.94	0.090	2.29	Yellow	1	5000
LF15A	0.775	19.69	0.690	17.53	1.125	28.58	0.559	14.20	0.620	15.75	0.721	18.31	0.090	2.29	Blue	1	3500
LF15XA	0.812	20.62	0.725	18.42	1.140	28.96	0.580	14.99	0.662	16.81	0.765	19.43	0.090	2.29	Blue	1	3000
LF16A	0.870	22.10	0.755	19.18	1.185	30.10	0.580	14.99	0.693	17.60	0.808	20.52	0.090	2.29	Blue	1	3000
LF17A	0.920	23.37	0.820	20.83	1.250	31.75	0.621	15.77	0.741	18.82	0.865	21.97	0.090	2.29	Blue	1	2300
LF18A	0.975	24.77	0.867	22.02	1.281	32.54	0.650	16.51	0.805	20.45	0.913	23.19	0.090	2.29	Blue	1	4000
LF19A	1.020	25.90	0.950	24.13	1.344	34.13	0.715	18.16	0.875	22.22	0.957	24.30	0.090	2.29	Blue	1	1500
LF20A	1.105	28.07	0.984	24.99	1.437	36.50	0.746	18.95	0.920	23.37	1.040	26.42	0.090	2.29	Blue	1	3000
LF21A	1.323	33.60	1.197	30.40	1.862	47.29	0.643	16.33	1.094	27.79	1.209	30.71	0.045	1.14	Red	1	1400
LF22A	1.382	35.10	1.237	31.42	1.687	42.85	0.746	18.95	1.167	29.64	1.312	33.32	0.090	2.29	Blue	1	2000
LF23XA	1.466	37.24	1.312	33.32	1.845	46.86	0.775	19.69	1.250	31.75	1.425	36.20	0.120	3.05	Blue	1	1700
LF24A	1.604	40.74	1.450	36.83	1.938	49.23	0.745	18.92	1.380	35.05	1.550	39.37	0.120	3.05	Blue	1	1500
LF26A	1.764	44.81	1.630	41.40	2.252	57.20	0.784	19.91	1.563	39.70	1.693	43.00	0.035	0.90	Red	1	700
LF28A	1.890	48.01	1.730	43.94	2.312	58.72	0.745	18.92	1.650	41.91	1.825	46.36	0.120	3.05	Blue	1	1100
LF30A	2.043	51.89	1.858	47.19	2.835	72.01	1.004	25.50	1.752	44.50	1.917	48.69	0.059	1.50	Red	1	400
LF32A	2.075	52.71	1.902	48.31	2.500	63.50	1.059	26.90	1.823	46.30	1.996	50.70	0.059	1.50	Red	1	1000
LF34A	2.130	54.10	2.028	51.51	2.626	66.70	0.768	19.50	1.953	49.61	2.047	51.99	0.039	1.00	Red	1	500
LF36A	2.402	61.01	2.146	54.51	3.012	76.50	1.024	26.00	2.055	52.20	2.323	59.00	0.039	1.00	Red	1	300
LF38A	2.614	66.40	2.441	62.00	3.267	83.00	1.152	29.26	2.323	59.00	2.531	64.30	0.050	1.27	Red	1	250

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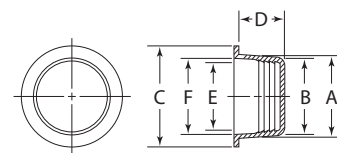
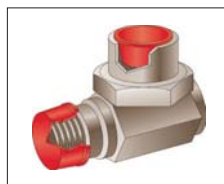
Temperature protection up to 600° F

Pages 1026 - 1030



ALLIANCE

GP Series
Heavy Duty Caps or Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to Chart

Features:

- Heavy-duty design includes a rugged wall and seal rings for maximum protection
- The tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters

To Assure Proper Fit:



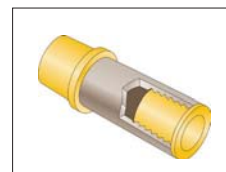
Plug dimension "A" should be approx. 1% larger than the inner diameter of the part.
 Minimum of .020"



Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part.
 Minimum of .020"

Item No.	Use as a Plug				Use as a Cap				Color	Pack Qty.	Bulk Pack Qty.				
	A		B		C		D					E		F	
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			
GP607A	0.325	8.26	0.292	7.42	0.531	13.49	0.375	9.53	0.215	5.46	0.250	6.35	Red	1	5000
GP610A	0.389	9.88	0.320	8.12	0.563	14.29	0.438	11.11	0.212	5.38	0.285	7.23	Red	1	5000
GP617A	0.501	12.72	0.437	11.09	0.647	16.43	0.438	11.11	0.352	8.94	0.420	10.66	Red	1	4000
GP628A	0.757	19.22	0.658	16.71	0.921	23.39	0.648	16.45	0.538	13.66	0.662	16.81	Red	1	5700
GP632A	0.851	21.61	0.766	19.45	1.045	26.54	0.625	15.88	0.609	15.46	0.740	18.79	Red	1	4200
K1838A	0.896	22.75	0.817	20.75	1.117	28.37	0.638	16.21	0.709	18.01	0.804	20.42	White	1	2000
GP642A	1.140	28.95	1.094	27.78	1.360	34.54	0.628	15.95	0.920	23.36	1.046	26.56	Red	1	2200
GP648A	1.354	34.39	1.206	30.63	1.531	38.88	0.750	19.05	1.150	29.21	1.203	30.55	Red	1	1500
GP650A	1.385	35.18	1.305	33.15	1.625	41.28	0.750	19.05	1.205	30.60	1.285	32.64	Red	1	1400
GP652A	1.441	36.60	1.376	34.95	1.694	43.02	0.750	19.05	1.238	31.44	1.344	34.13	Red	1	1300
GP654A	1.522	38.65	1.449	36.80	1.733	44.01	0.750	19.05	1.343	34.11	1.420	36.06	Red	1	1200
GP656A	1.577	40.06	1.506	38.25	1.820	46.22	0.750	19.05	1.346	34.19	1.466	37.23	Red	1	1000
GP658A	1.636	41.55	1.560	39.62	1.875	47.63	0.750	19.05	1.440	36.58	1.545	39.24	Red	1	1000
GP660A	1.686	42.82	1.613	40.97	1.905	48.38	0.750	19.05	1.475	37.46	1.598	40.58	Red	1	1000
GP662A	1.753	44.52	1.682	42.72	2.000	50.80	0.750	19.05	1.543	39.19	1.642	41.71	Red	1	800
GP664A	1.815	46.10	1.730	43.94	2.125	53.98	0.750	19.05	1.640	41.66	1.720	43.69	Red	1	800
GP666A	1.877	47.67	1.808	45.92	2.235	56.76	0.750	19.05	1.668	42.36	1.770	44.95	Red	1	700
GP668A	1.921	48.79	1.865	47.37	2.266	57.55	0.750	19.05	1.713	43.51	1.820	46.22	Red	1	700
GP670A	2.007	50.97	1.928	48.97	2.352	59.74	0.750	19.05	1.813	46.05	1.892	48.05	Red	1	600
GP672A	2.037	51.73	1.970	50.03	2.399	60.93	0.750	19.05	1.810	45.97	1.947	49.45	Red	1	600
GP674A	2.130	54.10	2.040	51.82	2.469	62.71	0.750	19.05	1.945	49.41	2.045	51.94	Red	1	600
GP676A	2.181	55.39	2.110	53.59	2.500	63.50	0.750	19.05	2.010	51.05	2.110	53.59	Red	1	500

GPV Series
Standard & Heavy Flanged Caps or Plugs



Specifications:

- Material: Soft Vinyl (PVC)
- Color: Yellow

Features:

- The GPV Standard Flange is used on pipe and tubing with internal NPT pipe threads
- The straight-sided interior of the GPV Heavy Flange provides a firm grip on the tube's outside diameter
- The tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters

To Assure Proper Fit:



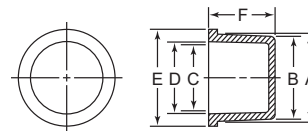
Plug dimension "A" should be approx. 1% larger than the inner diameter of the part.
 Minimum of .020"



Cap dimension "E" should be approx. 1% smaller than the outside diameter of the part.
 Minimum of .020"

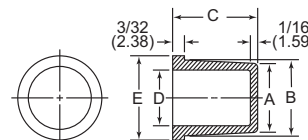
GPV Standard Flange

Item No.	NPT Size I.D.	Use as a Plug				Use as a Cap				Pack Qty.	Bulk Pack Qty.				
		A		B		C		D				E		F	
		In	mm	In	mm	In	mm	In	mm	In	mm	In	mm		
GPV101B	1/8"	0.375	9.53	0.309	7.85	0.229	5.82	0.295	7.49	0.500	12.70	0.415	10.54	1	13000
GPV102B	1/4"	0.500	12.70	0.436	11.07	0.354	8.99	0.420	10.67	0.625	15.88	0.415	10.54	1	8500
GPV103B	3/8"	0.625	15.88	0.545	13.84	0.465	11.81	0.545	13.84	0.750	19.05	0.500	12.70	1	4300
GPV104B	1/2"	0.815	20.70	0.712	18.08	0.613	15.57	0.758	19.25	0.925	23.50	0.481	12.22	1	3000
GPV105B	3/4"	0.952	24.18	0.934	23.72	0.844	21.44	0.862	21.89	1.188	30.16	0.500	12.70	1	1700



GPV Heavy Flange

Item No.	Tube Size I.D.	Use as a Plug				Use as a Cap				Pack Qty.	Bulk Pack Qty.		
		A		B		C		D				E	
		In	mm	In	mm	In	mm	In	mm	In	mm		
GPV53A	3/16"	0.182	4.62	0.195	4.95	0.594	15.08	0.094	2.38	0.313	7.94	1	9000
GPV55B	9/32"	0.275	6.99	0.290	7.37	0.594	15.08	0.141	3.57	0.500	12.70	1	12000
GPV56B	5/16"	0.307	7.80	0.322	8.18	0.656	16.67	0.188	4.76	0.438	11.11	1	10500
GPV58B	3/8"	0.370	9.40	0.385	9.78	0.656	16.67	0.250	6.35	0.500	12.70	1	7500
GPV60A	7/16"	0.432	10.97	0.447	11.35	0.656	16.67	0.313	7.94	0.563	14.29	1	5500
GPV62A	1/2"	0.490	12.45	0.510	12.95	0.656	16.67	0.375	9.53	0.625	15.88	1	4700
GPV64B	9/16"	0.557	14.15	0.572	14.53	0.656	16.67	0.438	11.11	0.688	17.46	1	3700
GPV66B	5/8"	0.620	15.75	0.635	16.13	0.656	16.67	0.500	12.70	0.750	19.05	1	3000
GPV68B	11/16"	0.682	17.32	0.697	17.70	0.656	16.67	0.563	14.29	0.813	20.64	1	2500
GPV72B	13/16"	0.807	20.50	0.822	20.88	0.656	16.67	0.688	17.46	0.938	23.81	1	1800
GPV74B	7/8"	0.870	22.10	0.885	22.48	0.656	16.67	0.750	19.05	1.000	25.40	1	1600
GPV78A	1"	0.953	24.21	1.022	25.96	0.656	16.67	0.875	22.23	1.125	28.58	1	1300



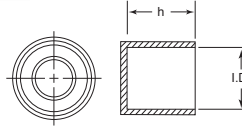
**RRC Series**
Closed End or Vented Pipe Caps

Specifications:

- Material: Polyethylene
- Color: Refer to Chart

Features:

- Protects threaded or non-threaded pipe ends
- Sized and designed for positive-gripping power over the outside diameter of the pipe
- Eliminates foreign materials from entering the pipe



Item No.	Nominal Pipe Size (In)	Actual I.D.		Color	Pack Qty.	Bulk Pack Qty.
		In	In			
RRC1/8A	1/8	0.385	0.485	Yellow	1	5500
RRC1/4A	1/4	0.516	0.490	Red	1	13000
RRC3/8A	3/8	0.660	0.538	Yellow	1	9500
RRC1/2A	1/2	0.840	0.717	Black	1	4000
RRC3/4A	3/4	1.045	0.750	Red	1	2500
RRC1A	1	1.290	0.877	Blue	1	1500
RRC1-1/4A	1-1/4	1.660	0.920	Red	1	1000
RRC1-1/2A	1-1/2	1.910	0.925	Black	1	2000
RRC2A	2	2.378	1.080	Blue	1	1000
RRC2-1/2A	2-1/2	2.860	1.580	Black	1	500
RRC3A	3	3.470	1.750	Blue	1	350
RRC3-1/2A	3-1/2	4.000	1.750	Black	1	280
RRC4A	4	4.500	1.870	Blue	1	208
RRC5A	5	5.630	2.150	Blue	1	120
RRC6A	6	6.640	1.960	Black	1	80
RRC8A	8	8.670	2.320	Black	1	50
RRC10A	10	10.680	2.410	Black	1	25
RRC12A	12	12.600	2.620	Black	1	18
RRC14E	14	14.000	3.000	Black	1	15
RRC16E	16	16.000	3.125	Black	1	15
RRC18E	18	18.000	3.375	Black	1	10
RRC20A	20	20.000	2.955	Black	1	15
RRC22A	22	22.000	2.985	Black	1	10
RRC24A	24	24.000	2.995	Black	1	8
RRC26A	26	26.000	4.500	Black	1	8
RRC28	28	28.000	4.724	Black	1	12
RRC30A	30	30.000	4.625	Black	1	3
RRC110286C	32	32.000	4.724	Black	1	18
RRC36A	36	36.000	4.625	Black	1	16
RRC42A	42	42.000	5.250	Black	1	12
RRC48A	48	48.000	5.250	Black	1	12

**Vented Pipe Caps**

The vent hole option prevents pressure build up inside the pipe that may otherwise force off the cap.

Item No.	Nominal Pipe Size (In)	Actual I.D.		Color	Pack Qty.	Bulk Pack Qty.
		In	In			
RRC1-1/2E	1-1/2	1.910	0.925	Orange	1	2000
RRC2F	2	2.378	1.080	Orange	1	1000
RRC2-1/2D	2-1/2	2.860	1.580	Orange	1	500
RRC3F	3	3.470	1.750	Orange	1	350
RRC3-1/2E	3-1/2	4.000	1.750	Orange	1	280
RRC4E	4	4.500	1.870	Orange	1	192
RRC5F	5	5.630	2.150	Orange	1	120
RRC6E	6	6.640	1.960	Orange	1	80
RRC8B	8	8.670	2.320	Orange	1	50
RRC10D	10	10.580	2.410	Orange	1	25
RRC12B	12	12.600	2.620	Orange	1	18

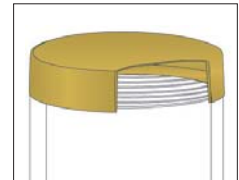
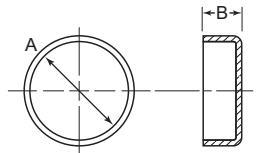
FPC Series
Cracking & Splitting Resistant Pipe Caps

Specifications:

- Material: Flexible Polyethylene
- Color: Yellow

Features:

- Protects threaded or non-threaded pipe ends
- Resistant to cracking and splitting
- Ideal for withstanding temperatures of -40°F to 150°F (-40°C to 66°C) and will not crack or split under normal use
- Outstanding toughness and puncture resistance
- Good flexibility

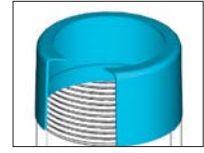
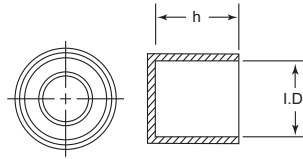


Item No.	Nominal Pipe Size (In)	A In	B In	Pack Qty.	Bulk Pack Qty.
FPC34140A	2-1/2	2.717	1.417	1	100
FPC34151A	3	3.386	1.693	1	100
FPC32709A	3-1/2	4.000	3.937	1	100
FPC34169A	4	4.500	1.969	1	200
FPC34179A	6	6.626	1.969	1	100
FPC31733A	8	8.625	2.165	1	80
FPC31735A	10	10.748	2.559	1	28
FPC31694A	12	12.748	2.953	1	32
FPC31685A	14	14.000	3.150	1	26
FPC31664A	16	16.000	3.346	1	18
FPC34211A	18	17.913	3.150	1	16

Item No.	Nominal Pipe Size (In)	A In	B In	Pack Qty.	Bulk Pack Qty.
FPC31739A	24	24.000	4.921	1	10
FPC31718A	28	28.000	5.709	1	24
FPC31696A	30	30.000	6.102	1	22
FPC34240A	34	34.000	6.693	1	20
FPC31701A	36	36.000	6.889	1	16
FPC34244A	38	38.012	7.087	1	16
FPC31727A	40	40.000	7.087	1	16
FPC34248A	44	44.000	7.283	1	5
FPC34252A	56	56.000	8.465	1	5
FPC34254A	60	60.000	8.661	1	5



RRO Series Pipe & Conduit Open-End Pipe Caps



Specifications:

- Material: Polyethylene
- Color: Refer to Chart

Features:

- Protects external threads on pipe ends, rigid metal conduit ends (RMC) or intermediate metal conduit ends (IMC)
- Sized and designed for positive-gripping power over the threads on the pipe.

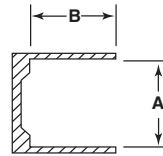
For Pipe, EMT or Rigid Metal Conduit (RMC)

Item No.	Nominal Pipe Size (In)	I.D. In	Height (h) In	Color	Pack Qty.	Bulk Pack Qty.
RRO1/2C	1/2	0.835	0.750	BLACK	1	10000
RRO3/4A	3/4	1.048	0.747	RED	1	8000
RRO1A	1	1.305	0.940	BLUE	1	4000
RRO1-1/4A	1-1/4	1.653	0.980	RED	1	2500
RRO1-1/2A	1-1/2	1.890	1.030	BLACK	1	1600
RRO2A	2	2.375	1.157	BLUE	1	1000
RRO2-1/2A	2-1/2	2.891	1.580	BLACK	1	500
RRO3A	3	3.465	1.750	BLUE	1	350
RRO3-1/2A	3-1/2	4.010	1.750	BLACK	1	280
RRO4A	4	4.530	1.870	BLUE	1	208
RRO5A	5	5.531	1.870	BLUE	1	120
RRO6A	6	6.586	2.180	BLUE	1	80
RRO8A	8	8.625	2.210	BLACK	1	50
RRO10A	10	10.850	2.410	BLACK	1	30

For Intermediate Metal Conduit (IMC)

Item No.	Nominal Pipe Size (In)	I.D. In	Height (h) In	Color	Pack Qty.	Bulk Pack Qty.
RRO1/2B	1/2	0.835	0.750	YELLOW	1	5000
RRO3/4C	3/4	1.048	0.747	GREEN	1	8000
RRO1D	1	1.305	0.940	ORANGE	1	4000
RRO1-1/4C	1-1/4	1.653	0.980	GREEN	1	2500
RRO1-1/2B	1-1/2	1.890	1.030	YELLOW	1	1600
RRO2E	2	2.375	1.157	ORANGE	1	1000
RRO2-1/2B	2-1/2	2.891	1.580	YELLOW	1	500
RRO3C	3	3.465	1.750	ORANGE	1	350
RRO3-1/2B	3-1/2	4.010	1.750	YELLOW	1	280
RRO4C	4	4.530	1.870	ORANGE	1	208

NPS Series Heavy Duty Base Pipe Caps



Specifications:

- Material: Polyethylene
- Color: Black

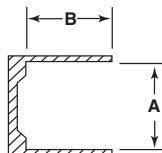
Features:

- Has a thicker heavy-duty base for added protection over the outside diameter of the pipe
- Protects threaded or non-threaded pipe ends
- Eliminates foreign materials from entering the pipe

Item No.	Nominal Pipe Size (In)	A In	B In	Pack Qty.	Bulk Pack Qty.
NPS1/4B	1/4	0.540	0.813	1	4000
NPS3/8B	3/8	0.675	0.813	1	2500
NPS1/2B	1/2	0.840	0.813	1	1800
NPS3/4B	3/4	1.050	0.813	1	1200
NPS1B	1	1.315	0.813	1	1600
NPS1-1/4B	1-1/4	1.660	1.406	1	550

Item No.	Nominal Pipe Size (In)	A In	B In	Pack Qty.	Bulk Pack Qty.
NPS1-1/2B	1-1/2	1.900	1.406	1	450
NPS2B	2	2.375	1.375	1	300
NPS2-1/2B	2-1/2	2.875	1.375	1	200
NPS3B	3	3.500	1.344	1	150
NPS3-1/2B	3-1/2	4.000	1.594	1	100
NPS4B	4	4.500	1.594	1	80

CEX Series Lightweight Pipe Caps



Specifications:

- Material: Polyethylene
- Color: Refer to Chart

Features:

- Lightweight range with internal ribs for positive-gripping power
- Protects threaded or non-threaded pipe ends
- Eliminates foreign materials from entering the pipe

Item No.	Nominal Pipe Size (In)	A In	B In	Color	Pack Qty.	Bulk Pack Qty.
CEX1/4B	1/4	0.540	0.845	Orange	1	4000
CEX3/8B	3/8	0.675	0.845	Orange	1	2500
CEX1/2B	1/2	0.840	0.845	Black	1	1800
CEX3/4B	3/4	1.050	0.845	Red	1	1300
CEX1C	1	1.315	0.845	Blue	1	1600
CEX1-1/4B	1-1/4	1.660	1.465	Red	1	650

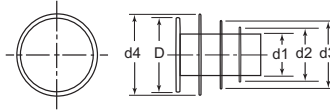
Item No.	Nominal Pipe Size (In)	A In	B In	Color	Pack Qty.	Bulk Pack Qty.
CEX1-1/2C	1-1/2	1.900	1.465	Black	1	500
CEX2B	2	2.375	1.465	Blue	1	300
CEX2-1/2B	2-1/2	2.875	1.465	Black	1	200
CEX3B	3	3.500	1.465	Blue	1	150
CEX3-1/2B	3-1/2	4.000	1.695	Black	1	100
CEX4B	4	4.500	1.695	Blue	1	80



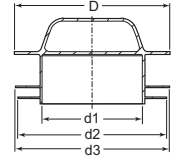
PIPE PLUGS

Buy One or Buy Bulk & SAVE

RPP Series Ribbed Pipe Plug



Style 1



Style 2

Specifications:

- Material: Polyethylene
- Color: Red

Features:

- Flexible ribs allow plug to fit multiple schedules of NPT pipe and drill pipe
- Straight wall on the plugs O.D. provides a secure and friction fit with the mating parts I.D.

Item No.	NPT			Style	D	d1	d2	d3	d4	Pack Qty.	Bulk Pack Qty.
	In	Schedule	Drill Pipe								
RPP206A	1/2	40,80	----	1	0.823	0.469	0.575	0.764	0.866	1	2000
RPP209A	3/4	40,80	----	1	1.028	0.622	0.984	1.181	----	1	2000
RPP212A	1	40,80,160	----	1	1.280	0.693	1.248	1.516	----	1	2000
RPP216A	1-1/4	40,80	----	1	1.614	1.004	1.453	1.744	----	1	1000
RPP217A	1-1/2	40,80	----	1	1.886	1.102	1.791	2.154	----	1	500
RPP218A	----	----	2-3/8	1	1.945	1.102	1.791	2.154	----	1	500
RPP220A	2	----	2-7/8	1	2.362	1.378	2.181	2.402	----	1	500
RPP222A	2-1/2	40,80	3-1/2	1	2.835	1.921	2.571	2.913	----	1	200
RPP225A	3	40,80,160	4	1	3.465	2.374	3.110	3.480	----	1	200
RPP226A	4	40,80,120,160	5	1	4.449	2.756	4.252	4.409	----	1	100
RPP4A	4	40,80,120,160	4-1/2,5	2	4.450	2.250	4.249	4.409	----	1	50
RPP5A	5	40,80,120	5-1/2	2	5.452	2.875	5.150	5.275	----	1	50
RPP6A	6	80,120	6-1/2	2	6.460	3.500	5.500	6.000	----	1	20

Schedule 40 & 80 Pipe Plugs

Specifications:

- Material: Polyethylene
- Color: Refer to Chart

Features:

- Designed to plug schedule 40 and 80 steel or plastic pipe ends



ALLIANCE

Steel Pipe

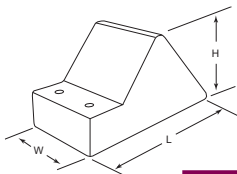
Nominal Pipe Size (In)	Schedule	Item No.	Color	Pack Qty.	Bulk Pack Qty.
1/8	40	004A	Blue	1	45000
1/8	80	002A	Blue	1	50000
1/4	40	008A	Blue	1	22500
1/4	80	006A	Blue	1	30000
3/8	40	012A	Blue	1	12500
3/8	80	009A	Blue	1	20000
1/2	40	017A	Blue	1	7500
1/2	80	014A	Blue	1	9000
3/4	40	027A	Blue	1	7000
3/4	80	022A	Blue	1	4000
1	40	039A	Red	1	2000
1	80	030A	Blue	1	4500
1-1/4	40	1055A	Blue	1	2500
1-1/4	80	044A	Blue	1	2500
1-1/2	40	055A	Blue	1	1500
1-1/2	80	051A	Blue	1	1500
2	40	062A	Blue	1	850
2	80	1075A	Blue	1	2500
2-1/2	40	073A	Blue	1	600
2-21/2	80	064A	Blue	1	1000
3	40	083A	Blue	1	750
3	80	081A	Blue	1	500
3-1/2	40	089A	Blue	1	350
3-1/2	80	086A	Blue	1	400
4	40	092A	Blue	1	250
4	80	090A	Blue	1	300
5	40	1110A	Blue	1	250
5	80	096A	Blue	1	250
6	40	FPL6A	Black	1	150
6	80	102A	Blue	1	250
8	40	FPL8A	Black	1	100
8	80	112A	Blue	1	100
10	40	FPL10A	Black	1	50
12	40	FPL12A	Black	1	30
12	80	132A	Blue	1	40

Plastic Pipe

Nominal Pipe Size (In)	Schedule	Item No.	Color	Pack Qty.	Bulk Pack Qty.
1/8	40	003A	Blue	1	50000
1/8	80	1000A	Blue	1	5000
1/4	40	007A	Blue	1	25000
1/4	80	005A	Blue	1	35000
3/8	40	013A	Blue	1	9000
3/8	80	009A	Blue	1	20000
1/2	40	016A	Blue	1	7500
1/2	80	013A	Blue	1	9000
3/4	40	026A	Blue	1	4000
3/4	80	022A	Blue	1	4000
1	40	038A	Blue	1	2500
1	80	030A	Blue	1	4500
1-1/4	40	047A	Blue	1	2000
1-1/4	80	044A	Blue	1	2500
1-1/2	40	054A	Blue	1	1700
1-1/2	80	051A	Blue	1	1500
2	40	061A	Blue	1	1000
2	80	058A	Blue	1	900
2-1/2	40	071A	Blue	1	600
2-1/2	80	064A	Blue	1	1000
3	40	083A	Blue	1	750
3	80	081A	Blue	1	500
3-1/2	40	088A	Blue	1	300
3-1/2	80	086A	Blue	1	400
4	40	092A	Blue	1	300
4	80	090A	Blue	1	300
5	40	1100A	Blue	1	250
5	80	096A	Blue	1	250
6	40	104A	Blue	1	90
6	80	102A	Blue	1	250
8	40	116A	Blue	1	100
8	80	112A	Blue	1	100
10	40	128A	Blue	1	75
12	40	133A	Blue	1	30
12	80	132A	Blue	1	40

See the numbered series on page 980 & 981 for more size and color options.

PCK Series Pipe Chocks



Specifications:

- Material: LDPE
- Color: Refer to Chart

Features:

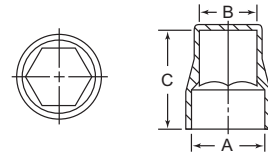
- Pipe chocks are used to help secure pipe during transit
- Nails are included

Item No.	Color	L		W		H		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
PCK0400B	ORANGE	4.500	114.30	2.750	69.85	2.000	50.80	1	50
PCK0800B	ORANGE	8.000	203.20	3.500	88.90	3.000	76.20	1	20

SUCKER ROD PROTECTORS & STATOR CAPS



ALLIANCE

SRH Series
Sucker Rod Caps

Specifications:

- Material: Polyethylene
- Color: Black

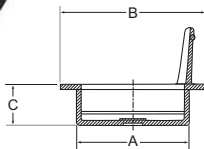
Features:

- Protects sucker-rod pin ends
- The heavy-duty part design protects during shipping or in-house processing
- The hex head design promotes easy removal in the field with an open or closed-end wrench

Item No.	Coupling Size In	A In	B In	C In	Pack Qty.	Bulk Pack Qty.
SRH5/8A	0.625	1.250	1.050	1.750	1	700
SRH3/4A	0.750	1.500	1.130	2.063	1	500
SRH7/8A	0.875	1.635	1.325	2.188	1	400
SRH1A	1.000	2.000	1.565	2.460	1	250
SRH1-1/8A	1.125	2.250	1.560	2.625	1	200

SRPP Series
Sucker Rod Plug with Pull

ALLIANCE



Specifications

- Material: Polyethylene
- Color: Black

Features

- Protect sucker-rod coupling ends
- Protects the coupling during shipping and storage

Item No.	Coupling Size In	A In	B In	C In	Pack Qty.	Bulk Pack Qty.
SRPP5/8A	0.625	0.982	1.187	0.400	1	700
SRPP3/4A	0.750	1.110	1.437	0.400	1	500
SRPP7/8A	0.875	1.240	1.562	0.400	1	400
SRPP1A	1.000	1.430	1.937	0.400	1	250
SRPP1-1/8A	1.125	1.620	2.093	0.400	1	200

SCDK Series
Pump Stator/Rotor Cap

ALLIANCE



Specifications:

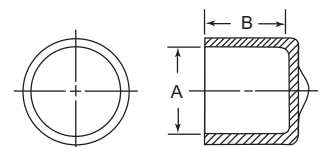
- Material: PVC
- Color: Black

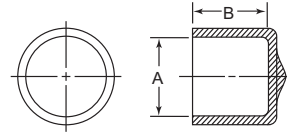
Features:

- Provides maximum protection for stators/rotors on progressive cavity pumps
- Flexible material for easy installation

Item No.	I.D. A (In)	Length B (In)	Pack Qty.	Bulk Pack Qty.
SCDK0262A	4.50	2	1	50
SCDK0259A	4.75	2	1	50
SCDK0263A	5.50	2	1	50
SCDK0264A	6.25	2	1	25

Item No.	I.D. A (In)	Length B (In)	Pack Qty.	Bulk Pack Qty.
SCDK0265A	6.50	2	1	25
SCDK0266A	6.75	2	1	25
SCDK0267A	8.00	2	1	25
DM9625-2A	9.625	2	1	20



**DM & DMS Series**
Round Vinyl End Caps**ALLIANCE**

Specifications:

- Material: Vinyl (PVC)
- Color: DM – Black – 75 Durometer
DMS – Bright Red – 63 Durometer
- Temperature Range: Up to 350°F (177°C)

Features:

- Flexible material can stretch onto larger dimensions for a snug fit without tearing, splitting or shredding
- Typically used to protect threaded or non-threaded tubing, rods, pipe or paper tubes
- Glossy and attractive finish makes this part ideal for use as a decorative end cap
- Bright-red colored parts are highly visible



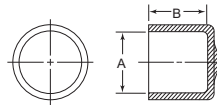
See pages 1023 and 1024 for Application Wizards.

A = To Fit		Item No.			Color	Pack Qty.	Bulk Pack Qty.		
in	mm	B Length					1/2"	1"	1-1/2"
0.078	1.98	DM0080-1/2A	DM0080-1A	—	Black	1	5000	5000	—
0.094	2.38	DM0093-1/2A	DM0093-1A	—	Black	1	5000	5000	—
0.109	2.78	DM0110-1/2A	DM0110-1A	—	Black	1	5000	5000	—
0.125	3.18	DM0125-1/2A	DM0125-1A	—	Black	1	5000	5000	—
0.125	3.18	—	DMS0125-1A	—	Red	1	—	5000	—
0.141	3.57	DM0140-1/2A	DM0140-1A	DM0140-1-1/2A	Black	1	5000	5000	5000
0.141	3.57	—	DMS0140-1A	—	Red	1	—	5000	—
0.148	3.76	DM0148-1/2A	DM0148-1A	DM0148-1-1/2A	Black	1	5000	5000	5000
0.156	3.97	DM0156-1/2A	DM0156-1A	DM0156-1-1/2A	Black	1	5000	5000	5000
0.172	4.37	DM0172-1/2A	DM0172-1A	DM0172-1-1/2A	Black	1	5000	5000	5000
0.172	4.37	—	DMS0172-1A	—	Red	1	—	5000	—
0.180	4.57	DM0180-1/2A	DM0180-1A	DM0180-1-1/2A	Black	1	5000	5000	5000
0.187	4.75	DM0187-1/2A	DM0187-1A	DM0187-1-1/2A	Black	1	5000	5000	5000
0.187	4.75	—	DMS0187-1A	—	Red	1	—	5000	—
0.203	5.16	DM0203-1/2A	DM0203-1A	DM0203-1-1/2A	Black	1	5000	5000	5000
0.203	5.16	—	DMS0203-1A	—	Red	1	—	5000	—
0.207	5.26	DM0207-1/2A	DM0207-1A	DM0207-1-1/2A	Black	1	5000	5000	5000
0.218	5.54	DM0218-1/2A	DM0218-1A	DM0218-1-1/2A	Black	1	5000	5000	5000
0.224	5.69	DM0224-1/2A	DM0224-1A	DM0224-1-1/2A	Black	1	5000	5000	5000
0.230	5.84	DM0230-1/2A	DM0230-1A	DM0230-1-1/2A	Black	1	5000	7500	5000
0.234	5.95	DM0234-1/2A	DM0234-1A	DM0234-1-1/2A	Black	1	5000	5000	3000
0.234	5.95	—	DMS0234-1A	—	Red	1	—	5000	—
0.240	6.10	DM0240-1/2A	DM0240-1A	DM0240-1-1/2A	Black	1	5000	5000	5000
0.250	6.35	DM0250-1/2A	DM0250-1A	DM0250-1-1/2A	Black	1	5000	5000	5000
0.250	6.35	DMS0250-1/2A	DMS0250-1A	—	Red	1	5000	5000	—
0.281	7.14	DM0281-1/2A	DM0281-1A	DM0281-1-1/2A	Black	1	5000	5000	5000
0.281	7.14	DMS0281-1/2A	DMS0281-1A	—	Red	1	5000	5000	—
0.290	7.37	DM0290-1/2A	DM0290-1A	DM0290-1-1/2A	Black	1	5000	5000	5000
0.304	7.72	DM0304-1/2A	DM0304-1A	DM0304-1-1/2A	Black	1	5000	5000	2500
0.313	7.94	DM0313-1/2A	DM0313-1A	DM0313-1-1/2A	Black	1	5000	5000	4000
0.313	7.94	DMS0313-1/2A	DMS0313-1A	—	Red	1	5000	5000	—
0.343	8.71	DM0343-1/2A	DM0343-1A	DM0343-1-1/2A	Black	1	5000	5000	4000
0.343	8.71	—	DMS0343-1A	—	Red	1	—	5000	—
0.360	9.14	DM0360-1/2A	DM0360-1A	DM0360-1-1/2A	Black	1	5000	5000	2500
0.375	9.53	DM0375-1/2A	DM0375-1A	DM0375-1-1/2A	Black	1	5000	5000	2500
0.375	9.53	DMS0375-1/2A	DMS0375-1A	—	Red	1	5000	5000	—
0.406	10.32	DM0406-1/2A	DM0406-1A	DM0406-1-1/2A	Black	1	5000	5000	5000
0.420	10.66	DM0420-1/2A	DM0420-1A	DM0420-1-1/2A	Black	1	5000	5000	5000
0.437	11.10	DM0437-1/2A	DM0437-1A	DM0437-1-1/2A	Black	1	5000	5000	4000
0.437	11.10	DMS0437-1/2A	DMS0437-1A	DMS0437-1-1/2A	Red	1	5000	5000	4000
0.460	11.68	DM0460-1/2A	DM0460-1A	DM0460-1-1/2A	Black	1	5000	3000	1500
0.470	11.94	DM0470-1/2A	DM0470-1A	DM0470-1-1/2A	Black	1	5000	5000	3000
0.470	11.94	—	DMS0470-1A	—	Red	1	—	5000	—
0.490	12.45	DM0490-1/2A	DM0490-1A	DM0490-1-1/2A	Black	1	5000	3000	1500
0.500	12.70	DM0500-1/2A	DM0500-1A	DM0500-1-1/2A	Black	1	5000	5000	2500
0.500	12.70	DMS0500-1/2A	DMS0500-1A	DMS0500-1-1/2A	Red	1	5000	5000	2500
0.523	13.28	DM0523-1/2A	DM0523-1A	DM0523-1-1/2A	Black	1	5000	2500	2500
0.531	13.49	DM0531-1/2A	DM0531-1A	DM0531-1-1/2A	Black	1	5000	5000	2500
0.531	13.49	—	DMS0531-1A	—	Red	1	—	5000	—
0.544	13.82	DM0544-1/2A	DM0544-1A	DM0544-1-1/2A	Black	1	5000	5000	2500
0.544	13.82	—	DMS0544-1A	—	Red	1	—	5000	—
0.562	14.27	DM0562-1/2A	DM0562-1A	DM0562-1-1/2A	Black	1	5000	2500	3000
0.562	14.27	DMS0562-1/2A	DMS0562-1A	DMS0562-1-1/2A	Red	1	5000	2500	3000
0.587	14.90	DM0587-1/2A	DM0587-1A	DM0587-1-1/2A	Black	1	5000	2500	1200
0.600	15.24	DM0600-1/2A	DM0600-1A	DM0600-1-1/2A	Black	1	5000	2000	1200
0.625	15.88	DM0625-1/2A	DM0625-1A	DM0625-1-1/2A	Black	1	5000	2500	1250
0.625	15.88	DMS0625-1/2A	DMS0625-1A	DMS0625-1-1/2A	Red	1	5000	2500	1250
0.640	16.26	DM0640-1/2A	DM0640-1A	DM0640-1-1/2A	Black	1	5000	5000	2500
0.665	16.89	DM0665-1/2A	DM0665-1A	DM0665-1-1/2A	Black	1	5000	2500	2500
0.687	17.45	DM0687-1/2A	DM0687-1A	DM0687-1-1/2A	Black	1	5000	2500	1500
0.687	17.45	DMS0687-1/2A	DMS0687-1A	DMS0687-1-1/2A	Red	1	5000	2500	1500
0.725	18.42	DM0725-1/2A	DM0725-1A	DM0725-1-1/2A	Black	1	5000	2500	1000
0.750	19.05	DM0750-1/2A	DM0750-1A	DM0750-1-1/2A	Black	1	5000	2500	500
0.750	19.05	DMS0750-1/2A	DMS0750-1A	DMS0750-1-1/2A	Red	1	5000	2500	500
0.812	20.62	DM0812-1/2A	DM0812-1A	DM0812-1-1/2A	Black	1	2500	2500	1000
0.812	20.62	DMS0812-1/2A	DMS0812-1A	DMS0812-1-1/2A	Red	1	2500	2500	1000
0.843	21.41	DM0843-1/2A	DM0843-1A	DM0843-1-1/2A	Black	1	5000	2500	1200
0.843	21.41	—	DMS0843-1A	—	Red	1	—	2500	—





DM & DMS Series
Round Vinyl End Caps (continued)



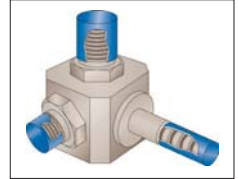
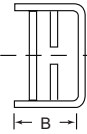
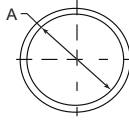
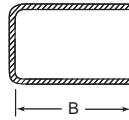
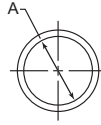
See pages 1023 and 1024 for Application Wizards.

A = To Fit		Item No.				Pack Qty.	Bulk Pack Qty.		
In	mm	B Length					1/2"	1"	1-1/2"
		1/2" (12.70 mm)	1" (25.40 mm)	1-1/2" (38.10 mm)	Color				
0.875	22.23	DM0875-1/2A	DM0875-1A	DM0875-1-1/2A	Black	1	5000	2500	1250
0.875	22.23	DMS0875-1/2A	DMS0875-1A	DMS0875-1-1/2A	Red	1	5000	2500	1250
0.937	23.80	DM0937-1/2A	DM0937-1A	DM0937-1-1/2A	Black	1	2500	2500	1000
0.937	23.80	—	DMS0937-1A	—	Red	1	—	2500	—
0.985	25.02	DM0985-1/2A	DM0985-1A	DM0985-1-1/2A	Black	1	2500	1500	1250
1.000	25.40	DM1000-1/2A	DM1000-1A	DM1000-1-1/2A	Black	1	2500	2000	1250
1.000	25.40	DMS1000-1/2A	DMS1000-1A	DMS1000-1-1/2A	Red	1	2500	2000	1250
1.062	26.97	DM1062-1/2A	DM1062-1A	DM1062-1-1/2A	Black	1	3000	1500	1250
1.062	26.97	—	DMS1062-1A	—	Red	1	—	1500	—
1.090	27.69	DM1090-1/2A	DM1090-1A	DM1090-1-1/2A	Black	1	2000	1000	500
1.125	28.58	DM1125-1/2A	DM1125-1A	DM1125-1-1/2A	Black	1	1000	1000	500
1.125	28.58	DMS1125-1/2A	DMS1125-1A	DMS1125-1-1/2A	Red	1	1000	1000	500
1.187	30.15	DM1187-1/2A	DM1187-1A	DM1187-1-1/2A	Black	1	2500	1000	1000
1.187	30.15	—	DMS1187-1A	—	Red	1	—	1000	—
1.250	31.75	DM1250-1/2A	DM1250-1A	DM1250-1-1/2A	Black	1	2500	1000	700
1.250	31.75	DMS1250-1/2A	DMS1250-1A	DMS1250-1-1/2A	Red	1	2500	1000	700
1.312	33.32	DM1312-1/2A	DM1312-1A	DM1312-1-1/2A	Black	1	2000	1000	500
1.375	34.93	DM1375-1/2A	DM1375-1A	DM1375-1-1/2A	Black	1	2000	1000	650
1.375	34.93	—	DMS1375-1A	—	Red	1	—	1000	—
1.437	36.50	DM1437-1/2A	DM1437-1A	DM1437-1-1/2A	Black	1	1000	1000	600
1.500	38.10	DM1500-1/2A	DM1500-1A	DM1500-1-1/2A	Black	1	1000	1000	600
1.500	38.10	DMS1500-1/2A	DMS1500-1A	DMS1500-1-1/2A	Red	1	1000	1000	600
1.593	40.46	DM1593-1/2A	DM1593-1A	DM1593-1-1/2A	Black	1	1700	1000	500
1.625	41.28	DM1625-1/2A	DM1625-1A	DM1625-1-1/2A	Black	1	500	750	500
1.625	41.28	—	DMS1625-1A	DMS1625-1-1/2A	Red	1	—	750	500
1.687	42.85	DM1687-1/2A	DM1687-1A	DM1687-1-1/2A	Black	1	1000	500	400
1.687	42.85	—	DMS1687-1A	—	Red	1	—	500	—
1.750	44.45	DM1750-1/2A	DM1750-1A	DM1750-1-1/2A	Black	1	1000	500	500
1.750	44.45	—	DMS1750-1A	DMS1750-1-1/2A	Red	1	—	500	500
1.812	46.02	DM1812-1/2A	DM1812-1A	DM1812-1-1/2A	Black	1	1000	500	400
1.875	47.63	DM1875-1/2A	DM1875-1A	DM1875-1-1/2A	Black	1	700	625	400
1.875	47.63	—	DMS1875-1A	—	Red	1	—	625	—
1.937	49.19	DM1937-1/2A	DM1937-1A	DM1937-1-1/2A	Black	1	1000	550	400
2.000	50.80	DM2000-1/2A	DM2000-1A	DM2000-1-1/2A	Black	1	1000	550	400
2.000	50.80	DMS2000-1/2A	DMS2000-1A	DMS2000-1-1/2A	Red	1	1000	550	400
2.125	53.98	DM2125-1/2A	DM2125-1A	DM2125-1-1/2A	Black	1	500	400	300
2.125	53.98	—	DMS2125-1A	—	Red	1	—	400	—
2.156	54.76	DM2156-1/2A	DM2156-1A	DM2156-1-1/2A	Black	1	1000	550	250
2.250	57.15	DM2250-1/2A	DM2250-1A	DM2250-1-1/2A	Black	1	250	500	300
2.250	57.15	—	DMS2250-1A	DMS2250-1-1/2A	Red	1	—	500	300
2.375	60.33	DM2375-1/2A	DM2375-1A	DM2375-1-1/2A	Black	1	500	350	250
2.460	62.48	DM2460-1/2A	DM2460-1A	DM2460-1-1/2A	Black	1	1000	350	200
2.500	63.50	DM2500-1/2A	DM2500-1A	DM2500-1-1/2A	Black	1	500	300	200
2.500	63.50	—	DMS2500-1A	DMS2500-1-1/2A	Red	1	—	300	200
2.625	66.68	DM2625-1/2A	DM2625-1A	DM2625-1-1/2A	Black	1	500	250	250
2.687	68.25	DM2687-1/2A	DM2687-1A	DM2687-1-1/2A	Black	1	400	250	200
2.750	69.85	DM2750-1/2A	DM2750-1A	DM2750-1-1/2A	Black	1	500	250	250
2.750	69.85	—	DMS2750-1A	—	Red	1	—	250	—
2.875	73.03	DM2875-1/2A	DM2875-1A	DM2875-1-1/2A	Black	1	500	250	200
3.000	76.20	DM3000-1/2A	DM3000-1A	DM3000-1-1/2A	Black	1	500	300	200
3.000	76.20	—	DMS3000-1A	DMS3000-1-1/2A	Red	1	—	300	200
3.125	79.38	—	DM3125-1A	DM3125-1-1/2A	Black	1	—	250	150
3.125	79.38	—	DMS3125-1A	—	Red	1	—	250	150
3.250	82.55	—	DM3250-1A	DM3250-1-1/2A	Black	1	—	100	100
3.250	82.55	—	DMS3250-1A	—	Red	1	—	100	—
3.375	85.73	—	DM3375-1A	DM3375-1-1/2A	Black	1	—	200	150
3.500	88.90	DM3500-1/2A	DM3500-1A	DM3500-1-1/2A	Black	1	—	175	100
3.500	88.90	—	DMS3500-1A	—	Red	1	—	175	—
3.625	92.08	—	DM3625-1A	DM3625-1-1/2A	Black	1	—	150	100
3.750	95.25	—	DM3750-1A	DM3750-1-1/2A	Black	1	—	100	100
3.750	95.25	—	DMS3750-1A	—	Red	1	—	100	—
3.825	97.16	—	DM3825-1A	DM3825-1-1/2A	Black	1	—	150	100
3.875	98.43	—	DM3875-1A	DM3875-1-1/2A	Black	1	—	100	100
4.000	101.60	DM4000-1/2A	DM4000-1A	DM4000-1-1/2A	Black	1	—	150	100
4.000	101.60	—	DMS4000-1A	DMS4000-1-1/2A	Red	1	—	150	100
4.125	104.78	—	DM4125-1A	DM4125-1-1/2A	Black	1	—	100	100
4.187	106.35	—	DM4187-1A	DM4187-1-1/2A	Black	1	—	100	100
4.250	107.95	—	DM4250-1A	DM4250-1-1/2A	Black	1	—	150	100
4.375	111.13	—	DM4375-1A	DM4375-1-1/2A	Black	1	—	100	50
4.500	114.30	DM4500-1/2A	DM4500-1A	DM4500-1-1/2A	Black	1	—	150	75
4.750	120.65	—	DM4750-1A	DM4750-1-1/2A	Black	1	—	85	100
5.000	127.00	—	DM5000-1A	DM5000-1-1/2A	Black	1	—	125	50
5.187	131.75	—	DM5187-1A	DM5187-1-1/2A	Black	1	—	50	50
5.375	136.53	—	DM5375-1A	DM5375-1-1/2A	Black	1	—	100	50
5.500	139.70	DM5500-1/2A	DM5500-1A	DM5500-1-1/2A	Black	1	—	50	50
5.750	146.05	—	DM5750-1A	DM5750-1-1/2A	Black	1	—	50	50
6.000	152.40	—	DM6000-1A	DM6000-1-1/2A	Black	1	—	50	50
6.250	158.75	—	DM6250-1A	DM6250-1-1/2A	Black	1	—	50	50
6.500	165.10	DM6500-1/2A	DM6500-1A	DM6500-1-1/2A	Black	1	—	50	50
6.750	171.45	—	DM6750-1A	DM6750-1-1/2A	Black	1	—	25	50
7.000	177.80	—	DM7000-1A	DM7000-1-1/2A	Black	1	—	25	25
7.250	184.15	—	DM7250-1A	DM7250-1-1/2A	Black	1	—	50	50
7.500	190.50	—	DM7500-1A	DM7500-1-1/2A	Black	1	—	50	25
7.750	196.85	—	DM7750-1A	DM7750-1-1/2A	Black	1	—	50	50
8.000	203.20	—	DM8000-1A	DM8000-1-1/2A	Black	1	—	50	25



PUSH-FIT CAPS

A & AR Series Round End Caps



Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to Chart

Features:

- Designed to protect outside diameters matching cap I.D. (A) dimension
- Parts with a W/R have an internal molded ring for extra gripping power
- Parts with AR Prefix have internal ribs for superior retention

See pages 1023 and 1024 for Application Wizards.

Item No.	A		B		Color	Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm			
A3/32W/RA	0.094	2.38	0.625	15.88	Blue	1	5000
A1/8W/RA	0.125	3.18	0.625	15.88	Blue	1	5000
A5/32W/RA	0.156	3.97	0.625	15.88	Blue	1	5000
A3/16W/RA	0.187	4.76	0.625	15.88	Blue	1	5000
A1/4W/RA	0.250	6.35	0.875	22.23	Blue	1	5000
L1/4A	0.250	6.35	1.750	44.45	Blue	1	7500
AS9/32A	0.281	7.14	0.500	12.70	Blue	1	6500
A9/32A	0.281	7.14	0.875	22.23	Blue	1	6500
AC5/16W/RA	0.295	7.49	0.875	22.23	Blue	1	6000
A5/16W/RA	0.313	7.94	0.875	22.23	Blue	1	5000
L5/16A	0.313	7.94	1.750	44.45	Blue	1	4500
A3/8W/RA	0.375	9.53	0.875	22.23	Blue	1	4250
L3/8A	0.375	9.53	1.750	44.45	Blue	1	3800
AR100A	0.390	9.91	0.630	16.00	Red	1	10000
AS7/16A	0.437	11.11	0.500	12.70	Blue	1	6000
A7/16W/RA	0.437	11.11	0.875	22.23	Blue	1	7000
AR105A	0.450	11.43	0.630	16.00	Red	1	10000
A1/2BA	0.470	11.94	0.875	22.23	Blue	1	5000
A1/2A	0.495	12.57	0.875	22.23	Blue	1	5000
AS1/2A	0.500	12.70	0.500	12.70	Blue	1	5000
A1/2W/RA	0.500	12.70	0.875	22.23	Blue	1	5000
AS9/16A	0.563	14.29	0.563	14.29	Blue	1	6500
A9/16A	0.563	14.29	0.875	22.23	Blue	1	4000
A9/16W/RA	0.563	14.29	0.875	22.23	Blue	1	4000
AR110A	0.580	14.73	0.787	20.00	Red	1	5000
AS5/8A	0.625	15.88	0.375	9.53	Blue	1	4250
A5/8W/RA	0.625	15.88	0.875	22.23	Blue	1	3500
AR115A	0.630	16.00	0.787	20.00	Red	1	5000
AS11/16W/RA	0.687	17.46	0.750	19.05	Blue	1	4000
A11/16A	0.687	17.46	0.875	22.23	Blue	1	3000
A11/16W/RA	0.687	17.46	0.875	22.23	Blue	1	3000
A23/32A	0.720	18.29	1.310	33.27	Blue	1	1700
K505A	0.720	18.29	1.500	38.10	Blue	1	2800
K505W/RA	0.720	18.29	1.500	38.10	Natural	1	2800
AR120A	0.727	18.47	0.787	20.00	Red	1	2500
AS3/4A	0.750	19.05	0.375	9.53	Blue	1	6000
A3/4A	0.750	19.05	0.875	22.23	Blue	1	5000
A3/4W/RA	0.750	19.05	0.875	22.23	Blue	1	5000
AR125A	0.787	20.00	0.787	20.00	Red	1	2000
AS13/16W/RA	0.813	20.64	0.344	8.73	Blue	1	6000
A13/16A	0.813	20.64	0.875	22.23	Blue	1	4500
A13/16W/RA	0.813	20.64	0.875	22.23	Blue	1	4500
AR130A	0.866	22.00	0.787	20.00	Red	1	2500
AS7/8W/RA	0.875	22.23	0.500	12.70	Blue	1	3500
A7/8W/RA	0.875	22.23	0.875	22.23	Blue	1	4000
L7/8A	0.875	22.23	1.750	44.45	Blue	1	2000

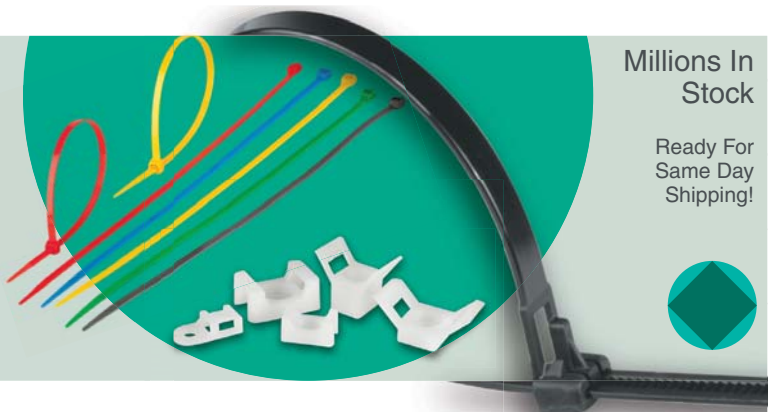
Item No.	A		B		Color	Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm			
A15/16A	0.937	23.81	0.813	20.64	Blue	1	3500
AR135A	0.961	24.41	0.827	21.01	Red	1	2000
A63/64A	0.980	24.89	1.310	33.27	Blue	1	2000
AS1A	1.000	25.40	0.375	9.53	Blue	1	4000
A1A	1.000	25.40	0.750	19.05	Blue	1	3500
A1W/RA	1.000	25.40	0.750	19.05	Blue	1	3500
AL1A	1.000	25.40	1.000	25.40	Blue	1	2500
L1B	1.000	25.40	1.750	45.72	Blue	1	1400
A1-1/16A	1.063	26.99	0.875	22.23	Blue	1	3000
A1-1/16W/RA	1.063	26.99	0.875	22.23	Blue	1	3000
AR140A	1.102	28.00	1.043	26.50	Red	1	1000
A1-1/8A	1.125	28.58	0.875	22.23	Blue	1	2500
A1-3/16W/RA	1.187	30.16	1.000	25.40	Blue	1	2000
AR145A	1.200	30.48	1.043	26.50	Red	1	800
AS1-1/4A	1.250	31.75	0.625	15.88	Blue	1	3000
A1-1/4A	1.250	31.75	0.875	22.23	Blue	1	2000
A1-5/16A	1.313	33.34	0.875	22.23	Blue	1	2000
A1-5/16W/RA	1.313	33.34	0.875	22.23	Blue	1	2000
A1-3/8A	1.375	34.93	0.875	22.23	Blue	1	1800
AR150A	1.378	35.00	1.043	26.50	Red	1	800
A1-7/16A	1.437	36.51	0.875	22.23	Blue	1	1600
AR155A	1.444	36.68	1.031	26.19	Red	1	500
A1-1/2A	1.500	38.10	0.875	22.23	Blue	1	1500
A1-9/16A	1.563	39.69	1.000	25.40	Blue	1	1200
A1-5/8A	1.625	41.28	1.000	25.40	Blue	1	1900
A1-11/16A	1.688	42.87	0.875	22.23	Blue	1	1200
A1-3/4A	1.750	44.45	0.875	22.23	Blue	1	1200
A1-7/8A	1.875	47.63	0.875	22.23	Blue	1	1000
A2A	2.000	50.80	0.875	22.23	Blue	1	1000
A2-1/8A	2.125	53.98	0.875	22.23	Blue	1	900
AR160A	2.125	54.00	1.094	27.80	Red	1	300
A2-1/4A	2.250	57.15	1.250	31.75	Blue	1	450
A2-3/8A	2.375	60.33	0.875	22.23	Blue	1	700
A2-1/2A	2.500	63.50	0.875	22.23	Blue	1	600
AS2-9/16A	2.563	65.09	0.375	9.53	Blue	1	1200
A2-19/32W/RA	2.575	65.40	1.000	25.40	Blue	1	500
A2-5/8A	2.615	66.42	1.000	25.40	Blue	1	425
A2-3/4A	2.725	69.22	1.090	27.68	Blue	1	450
A3A	2.980	75.69	1.000	25.40	Blue	1	400
A3-1/8A	3.125	79.38	1.375	34.93	Blue	1	250
A3-1/4A	3.250	82.55	1.875	47.63	Blue	1	150
A3-1/2A	3.500	88.90	1.000	25.40	Blue	1	300
A3-3/4A	3.740	94.99	1.000	25.40	Blue	1	225
A4A	3.990	101.34	1.000	25.40	Blue	1	200
A4-1/8A	4.115	104.52	1.000	25.40	Blue	1	200
AR165A	4.331	110.00	1.362	34.60	Yellow	1	150

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3" to 59"

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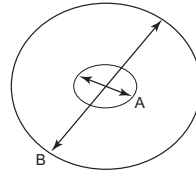


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MCP Series Stretch Fit Cover Caps



Specifications:

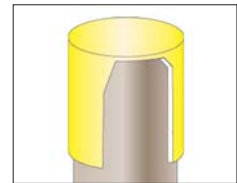
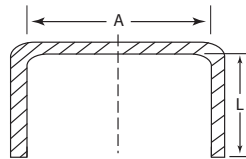
- Material: Polyethylene
- Color: Refer to Chart

Features:

- Capable of covering a wide range of part diameters and shapes with one part
- Protects against dirt and moisture during storage and shipping
- Reusable

Item No.		A= Elastic Dia.		B= Flat Overall Dia.		Pack Qty.	Bulk Pack Qty.
Blue	Clear	In	mm	In	mm		
MCP050B	MCP050N	1.00	25.40	3.00	76.20	1	1000
MCP100B	MCP100N	1.22	30.99	3.78	96.01	1	1000
MCP105B	MCP105N	1.25	50.80	8.00	203.20	1	500
MCP110B	MCP110N	1.50	38.10	4.50	114.30	1	1000
MCP120B	MCP120N	2.00	50.80	5.75	146.05	1	1000
MCP125B	MCP125N	2.50	63.50	10.00	254.00	1	500
MCP130B	MCP130N	2.44	61.98	8.66	219.96	1	500
MCP140B	MCP140N	3.07	77.98	9.45	240.03	1	500
MCP145B	MCP145N	3.50	88.90	18.00	457.20	1	300
MCP150B	MCP150N	4.25	107.95	13.00	330.20	1	250
MCP155B	MCP155N	5.75	146.05	24.00	609.60	1	200
MCP160B	MCP160N	5.00	127.00	15.95	405.13	1	250
MCP165B	MCP165N	6.50	165.10	32.00	812.80	1	100

C Cap Series Flexible Round End Caps



Specifications:

- Material: PVC (Soft)
- Color: Yellow

Features:

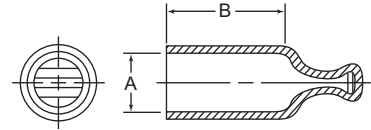
- Designed to protect threaded or non-threaded tubing, rods and pipe

Item No.	A		L		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm		
C1B	0.125	3.17	0.594	15.08	1	12500
C2A	0.156	3.97	0.594	15.08	1	10000
C3B	0.188	4.76	0.594	15.08	1	14000
C5B	0.250	6.35	0.594	15.08	1	9000
C7A	0.313	7.94	0.594	15.08	1	8000
C9A	0.375	9.53	0.594	15.08	1	5000
C11A	0.450	11.43	0.594	15.08	1	4200
C12B	0.469	11.91	0.594	15.08	1	4000
C13A	0.508	12.90	0.594	15.08	1	3800
C14A	0.531	13.49	0.580	14.73	1	3500
C15C	0.563	14.29	0.625	15.88	1	2800
C16A	0.625	15.87	0.625	15.88	1	2800
C17A	0.654	16.61	0.625	15.88	1	2400
C18C	0.656	16.67	0.625	15.88	1	2400
C19A	0.700	17.78	0.625	15.88	1	2000
C200B	0.750	19.05	0.625	15.88	1	2000
C21A	0.800	20.32	0.625	15.88	1	1800
C23A	0.843	21.41	0.625	15.88	1	1500
C24B	0.875	22.23	0.625	15.88	1	1500
C27A	1.030	26.16	0.625	15.88	1	1000
C230B	1.063	26.99	0.625	15.88	1	1000
C232B	1.125	28.58	0.625	15.88	1	2400
C234A	1.188	30.16	0.625	15.88	1	2500
C235B	1.219	30.96	0.500	12.70	1	2800
C236A	1.250	31.75	0.625	15.88	1	2200
C336A	1.250	31.75	0.875	22.23	1	1400
C240A	1.375	34.93	0.625	15.88	1	2000
C340A	1.375	34.93	0.875	22.23	1	1000
C242B	1.400	35.56	0.625	15.88	1	1500
C244A	1.500	38.10	0.625	15.88	1	1800
C344A	1.500	38.10	0.875	22.23	1	900
C248B	1.562	39.67	0.625	15.88	1	1300
C348A	1.625	41.28	0.875	22.23	1	900
C252B	1.700	43.18	0.625	15.88	1	1300
C256B	1.800	45.72	0.625	15.88	1	1200
C260B	1.925	48.89	0.625	15.88	1	1000
C460B	2.000	50.80	1.000	25.40	1	500
C462C	2.125	53.98	1.000	25.40	1	500
C264B	2.156	54.76	0.625	15.88	1	700
C468B	2.500	63.50	1.000	25.40	1	400
C472A	2.650	67.31	1.000	25.40	1	300
C474A	2.875	73.02	1.000	25.40	1	300
C476B	2.900	73.66	1.000	25.40	1	300
C480A	3.750	95.25	1.125	28.58	1	150

**DMPC Series**
Easy-Pull Vinyl Caps

Specifications:

- Material: Vinyl (PVC)
- Color: Black
- Temperature Range: Up to 350°F (177°C)



Features:

- The curved pull-tab design provides more surface contact area requiring less gripping force during installation and removal
- Flexible material can stretch onto larger dimensions for a snug fit without tearing, splitting or shredding
- Glossy and attractive finish makes this part ideal for use as a decorative end cap

A = To Fit		Item No.			Pack Qty.	Bulk Pack Qty.		
In	mm	1/2" (12.70 mm)	1" (25.40 mm)	1-1/2" (38.10 mm)		1/2"	1"	1-1/2"
0.187	4.75	DMPC0180-1/2A	DMPC0180-1A	—	1	5000	5000	—
0.218	5.54	DMPC0207-1/2A	DMPC0207-1A	—	1	5000	5000	—
0.250	6.35	DMPC0240-1/2A	DMPC0240-1A	—	1	5000	5000	—
0.302	7.67	DMPC0302-1/2A	DMPC0302-1A	DMPC0302-1-1/2A	1	7500	5000	2500
0.320	8.13	DMPC0320-1/2A	DMPC0320-1A	DMPC0320-1-1/2A	1	5000	5000	2500
0.343	8.71	DMPC0343-1/2A	DMPC0343-1A	DMPC0343-1-1/2A	1	5000	3000	2500
0.375	9.53	DMPC0365-1/2A	DMPC0365-1A	DMPC0365-1-1/2A	1	5000	3000	2000
0.406	10.32	DMPC0396-1/2A	DMPC0396-1A	DMPC0396-1-1/2A	1	5000	5000	2500
0.420	10.67	DMPC0420-1/2A	DMPC0420-1A	DMPC0420-1-1/2A	1	5000	5000	2500
0.437	11.10	DMPC0427-1/2A	DMPC0427-1A	DMPC0427-1-1/2A	1	5000	4000	2500
0.450	11.43	DMPC0450-1/2A	DMPC0450-1A	DMPC0450-1-1/2A	1	5000	4000	2500
0.472	11.99	DMPC0470-1/2A	DMPC0470-1A	DMPC0470-1-1/2A	1	5000	4000	2500
0.500	12.70	DMPC0490-1/2A	DMPC0490-1A	DMPC0490-1-1/2A	1	5000	4000	2000
0.531	13.49	DMPC0521-1/2A	DMPC0521-1A	DMPC0521-1-1/2A	1	5000	4000	2500
0.562	14.27	DMPC0552-1/2A	DMPC0552-1A	DMPC0552-1-1/2A	1	2500	2500	2500
0.593	15.06	DMPC0590-1/2A	DMPC0590-1A	DMPC0590-1-1/2A	1	2500	1900	1500
0.600	15.24	DMPC0600-1/2A	DMPC0600-1A	DMPC0600-1-1/2A	1	5000	2500	2500
0.615	15.62	DMPC0615-1/2A	DMPC0615-1A	DMPC0615-1-1/2A	1	5000	2500	2000
0.625	15.88	DMPC0625-1/2A	DMPC0625-1A	DMPC0625-1-1/2A	1	2500	1350	1500
0.655	16.64	DMPC0655-1/2A	DMPC0655-1A	DMPC0655-1-1/2A	1	2000	2500	1500
0.677	17.20	DMPC0677-1/2A	DMPC0677-1A	DMPC0677-1-1/2A	1	5000	2500	1500
0.687	17.45	DMPC0687-1/2A	DMPC0687-1A	DMPC0687-1-1/2A	1	2500	2000	1500
0.708	17.98	DMPC0708-1/2A	DMPC0708-1A	DMPC0708-1-1/2A	1	2500	2000	1500
0.750	19.05	DMPC0740-1/2A	DMPC0740-1A	DMPC0740-1-1/2A	1	4000	2500	1500
0.812	20.62	DMPC0812-1/2A	DMPC0812-1A	DMPC0812-1-1/2A	1	2500	2000	750
0.875	22.23	DMPC0865-1/2A	DMPC0865-1A	DMPC0865-1-1/2A	1	1500	1500	750
0.937	23.79	DMPC0937-1/2A	DMPC0937-1A	DMPC0937-1-1/2A	1	1500	1500	750
1.000	25.40	DMPC0990-1/2A	DMPC0990-1A	DMPC0990-1-1/2A	1	1500	1500	750
1.060	26.92	—	DMPC1060-1A	DMPC1060-1-1/2A	1	—	1000	700
1.125	28.58	—	DMPC1125-1A	DMPC1125-1-1/2A	1	—	1000	700
1.250	31.75	—	DMPC1230-1A	DMPC1230-1-1/2A	1	—	1000	700
1.500	38.10	—	DMPC1500-1A	DMPC1500-1-1/2A	1	—	700	250
1.625	41.28	—	DMPC1605-1A	DMPC1605-1-1/2A	1	—	550	350

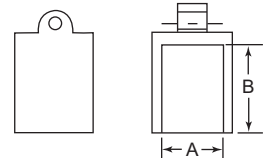
FEC Series
Flexible End Caps

Specifications:

- Material: Thermoplastic Rubber
- Color: Black

Features:

- Flexible material can stretch onto larger diameters for a snug fit
- Recommended for use wherever resistance to acid is required

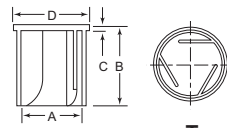


Item No.	A		B		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm		
12200B	0.197	5.00	0.925	23.50	1	10000
12201B	0.236	6.00	0.984	25.00	1	10000
12202B	0.276	7.00	0.945	24.00	1	10000
12203B	0.315	8.00	0.965	24.50	1	8000
12204B	0.354	9.00	0.984	25.00	1	7000
12205B	0.394	10.00	1.161	29.50	1	5000
12206B	0.433	11.00	1.142	29.00	1	4500
12207B	0.472	12.00	1.142	29.00	1	4000
12208B	0.512	13.00	1.142	29.00	1	3500
12209B	0.551	14.00	1.161	29.50	1	3000
12210B	0.591	15.00	1.161	29.50	1	2500
12211B	0.630	16.00	1.102	28.00	1	2500
12212B	0.669	17.00	1.161	29.50	1	2000

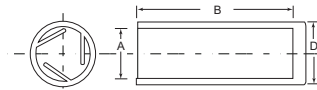
Item No.	A		B		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm		
12213B	0.709	18.00	1.122	28.50	1	2000
12214B	0.748	19.00	1.161	29.50	1	2000
12215B	0.787	20.00	1.122	28.50	1	1600
12216B	0.827	21.00	1.358	34.50	1	1300
12217B	0.866	22.00	1.339	34.00	1	1200
12218B	0.906	23.00	1.358	34.50	1	1000
12219B	0.945	24.00	1.339	34.00	1	1000
12220B	0.984	25.00	1.358	34.50	1	1000
12221B	1.024	26.00	1.358	34.50	1	900
12222B	1.063	27.00	1.319	33.50	1	900
12223B	1.102	28.00	1.319	33.50	1	800
12224B	1.142	29.00	1.378	35.00	1	800
12225B	1.181	30.00	1.358	34.50	1	600



**MFC Series
 Finned Stud Caps**



Type 1



Type 2



Specifications:

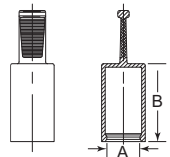
- Material: Low-Density Polyethylene
- Color: Natural

Features:

- Unique finned design enables each cap to fit a range of stud diameters
- *The MFC010A has beveled corners

Item No.	Stud Size Range		Type	A		B		C		D		Pack Qty.	Bulk Pack Qty.
	In	mm		In	mm	In	mm	In	mm	In	mm		
MFC110A	.255-.314	6.5-8.0	1	0.394	10	0.866	22	0.059	1.5	0.551	14.0	1	500
*MFC010A	.255-.314	6.5-8.0	2	0.394	10	1.299	33	—	—	0.433	11.0	1	5000
MFC120A	.314-.354	8.0-9.0	1	0.433	11	0.866	22	0.059	1.5	0.591	15.0	1	500
MFC020A	.314-.354	8.0-9.0	2	0.433	11	0.866	22	—	—	0.472	12.0	1	5000
MFC030A	.354-.393	9.0-10	2	0.472	12	0.866	22	—	—	0.511	13.0	1	5000
MFC130A	.354-.413	9.0-10.5	1	0.492	12.5	0.866	22	0.059	1.5	0.650	16.5	1	250
MFC140A	.433-.512	11.0-13.0	1	0.630	16	0.866	22	0.059	1.5	0.787	20.0	1	250
MFC150A	.551-.629	14.0-16.0	1	0.709	18	0.866	22	0.059	1.5	0.866	22.0	1	250
MFC160A	.669-.748	17.0-19.0	1	0.866	22	0.866	22	0.059	1.5	1.024	26.0	1	100
MFC170A	.787-.866	20.0-22.0	1	0.984	25	0.984	25	0.059	1.5	1.142	29.0	1	100
MFC180A	.944-1.023	24.0-26.0	1	1.142	29	1.181	30	0.059	1.5	1.299	33.0	1	100
MFC190A	1.102-1.181	28.0-30.0	1	1.299	33	1.339	34	0.059	1.5	1.457	37.0	1	100

**FPT Series
 Flexible Pull Tab Caps**



Specifications:

- Material: EVA (Ethylene Vinyl Acetate)
- Color: Yellow

Features:

- Large pull tab allows easy removal
- Internal lip prevents ingress of dirt
- Material provides good tensile strength, toughness and increased flexibility
- Can be used to cap threaded or non-threaded applications

Item No.	To Fit		A		B		Pack Qty.	Bulk Pack Qty.
	Unified Thread	Metric Thread	In	mm	In	mm		
FPT464885A	8-32, 8-36	M4	0.157	4	0.827	21	1	500
FPT464886A	12-24, 12-28	M5	0.197	5	0.787	20	1	500
FPT464887A	1/4-20, 1/4-28	M6	0.236	6	0.787	20	1	500
FPT464888A	3/8-20, 3/8-24	M8	0.315	8	0.787	20	1	500
FPT464889A	—	—	0.354	9	0.787	20	1	500
FPT464890A	7/16-14, 7/16-20	M10	0.394	10	0.787	20	1	500
FPT464891A	—	—	0.433	11	0.787	20	1	500
FPT464892A	1/2-13, 1/2-20	M12	0.472	12	0.787	20	1	500

Item No.	To Fit		A		B		Pack Qty.	Bulk Pack Qty.
	Unified Thread	Metric Thread	In	mm	In	mm		
FPT464893A	9/16-12, 9/16-18	—	0.512	13	0.787	20	1	500
FPT464894A	—	M14	0.551	14	0.787	20	1	500
FPT464895A	5/8-11, 5/8-18	M15	0.591	15	0.787	20	1	500
FPT464896A	11/16	M16	0.630	16	0.787	20	1	500
FPT464897A	3/4-10, 3/4-16	M18	0.709	18	0.787	20	1	500
FPT464898A	13/16, 7/8-9, 7/8-14	M20	0.787	20	0.787	20	1	500
FPT464899A	13/16, 7/8-9, 7/8-14	M20	0.787	20	1.181	30	1	500
FPT464900A	1-8, 1-12	M24	0.945	24	0.787	20	1	500

**HEX Series
 Hexagonal Caps**



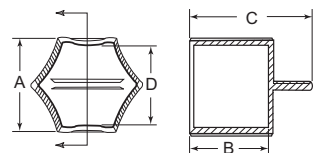
Specifications:

- Material: Polyethylene
- Color: Natural

Features:

- Rigid design allows easy application and removal
- Available in all common hydraulic coupling sizes
- Also suitable for protecting round components

Item No.	To Fit Thread Sizes				A		B		C		D		Pack Qty.	Bulk Pack Qty.
	UNF	Metric	BSP	In	mm	In	mm	In	mm	In	mm			
HEX100A	—	M10	—	0.433	11	0.630	16	1.102	28	0.421	10.7	1	500	
HEX105A	7/16	M12	1/8	0.551	14	0.709	18	1.181	30	0.539	13.7	1	500	
HEX110A	—	—	—	0.630	16	0.787	20	1.260	32	0.618	15.7	1	500	
HEX115A	1/2	M14	—	0.669	17	0.787	20	1.260	32	0.657	16.7	1	500	
HEX120A	9/16	M16	1/4	0.748	19	0.984	25	1.535	39	0.736	18.7	1	500	
HEX125A	3/4	M18	3/8	0.866	22	0.984	25	1.535	39	0.850	21.6	1	500	
HEX130A	—	—	—	0.945	24	1.102	28	1.654	42	0.929	23.6	1	500	
HEX135A	—	—	—	0.984	25	1.102	28	1.654	42	0.969	24.6	1	250	
HEX140A	7/8	M22	1/2	1.063	27	1.102	28	1.654	42	1.047	26.6	1	250	
HEX145A	—	—	—	1.142	29	1.181	30	1.732	44	1.126	28.6	1	250	
HEX150A	—	M24	5/8	1.181	30	1.181	30	1.732	44	1.165	29.6	1	250	
HEX155A	1-1/16	M26	3/4	1.260	32	1.181	30	1.732	44	1.244	31.6	1	250	
HEX160A	—	M30	—	1.417	36	1.181	30	1.732	44	1.398	35.5	1	250	
HEX165A	—	—	—	1.496	38	1.220	31	1.772	45	1.476	37.5	1	100	
HEX170A	1-5/16	M36	1	1.614	41	1.220	31	1.772	45	1.594	40.5	1	100	
HEX175A	—	—	—	1.811	46	1.260	32	1.811	46	1.791	45.5	1	100	
HEX180A	1-5/8	M45	1-1/4	1.969	50	1.260	32	1.811	46	1.949	49.5	1	100	





E Series Flanged Caps for Standard Threads

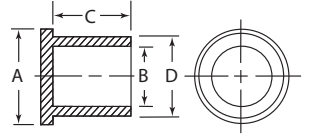
ALLIANCE

Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to Chart

Features:

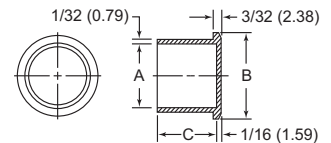
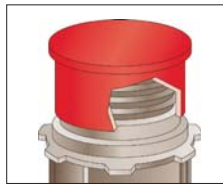
- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect standard threads with or without O-rings



Item No.		To Cap Standard Thread	A		B		C		D		Pack Qty.	Bulk Pack Qty.
Natural	Orange		In	mm	In	mm	In	mm	In	mm		
E5/16A	-	5/16"	0.510	12.95	0.315	8.00	0.840	21.33	0.377	9.57	1	5000
-	E3/8A	3/8"	0.531	13.49	0.364	9.25	0.590	16.67	0.428	10.87	1	5000
E3/8AA	-	3/8"	0.580	14.73	0.377	9.58	0.840	21.34	0.447	11.35	1	5000
EL3/8B	EL3/8A	3/8"	0.520	13.21	0.370	9.40	1.280	32.51	0.440	11.18	1	5000
E7/16A	-	7/16"	0.625	15.88	0.428	10.87	0.590	14.99	0.492	12.50	1	4250
E7/16CATB	-	7/16"	0.625	15.88	0.429	10.90	0.600	15.24	0.491	12.47	1	4250
EL7/16B	EL7/16A	7/16"	0.580	14.73	0.428	10.87	1.020	25.91	0.495	12.57	1	5000
-	EL7/16AA	7/16"	0.580	14.73	0.425	10.79	1.330	33.98	0.487	12.37	1	2800
E1/2A	-	1/2"	0.720	18.29	0.490	12.45	0.460	11.68	0.550	13.97	1	4000
EL1/2A	-	1/2"	0.640	16.25	0.490	12.45	1.330	33.78	0.552	14.02	1	2800
EL9/16A	-	9/16"	0.700	17.78	0.550	13.97	1.410	35.81	0.620	15.75	1	2500
E9/16A	-	9/16"	0.810	20.57	0.551	14.00	0.490	12.45	0.621	15.77	1	5900
E5/8B	E5/8A	5/8"	0.813	20.64	0.606	15.39	0.750	19.05	0.677	17.20	1	4000
EL5/8A	-	5/8"	0.760	19.30	0.625	15.88	0.840	21.34	0.687	17.48	1	3000
E11/16B	-	11/16"	0.935	23.75	0.675	17.14	0.500	17.15	0.745	12.70	1	4000
-	EL11/16A	11/16"	0.840	21.33	0.678	17.22	0.880	22.35	0.748	18.99	1	2500
E3/4B	E3/4A	3/4"	1.000	25.40	0.720	18.29	0.688	17.46	0.794	20.17	1	3000
E3/4CATA	-	3/4"	1.000	25.40	0.729	18.52	0.625	15.88	0.786	19.96	1	3000
EL3/4D	EL3/4A	3/4"	0.890	22.61	0.740	18.80	1.540	39.12	0.813	20.65	1	2500
E13/16A	-	13/16"	1.060	26.92	0.800	20.32	0.570	14.48	0.870	22.10	1	2500
-	K324A	13/16"	1.060	20.64	0.605	15.37	0.845	21.50	0.665	16.89	1	3500
E7/8SA	-	7/8"	1.120	28.45	0.864	21.95	0.690	17.53	0.926	23.52	1	4000
-	E7/8A	7/8"	1.096	27.84	0.860	21.84	0.875	22.23	0.933	23.70	1	3500
E7/8CATB	-	7/8"	1.096	27.84	0.865	21.97	0.832	21.13	0.921	23.39	1	3500
EL7/8B	EL7/8A	7/8"	1.010	25.65	0.860	21.84	1.700	43.18	0.929	23.60	1	2000
E1A	-	1"	1.246	31.65	0.993	25.22	0.660	16.76	1.056	26.82	1	1500
-	E1-1/16A	1-1/16"	1.187	30.15	1.030	26.16	1.062	27.98	1.092	27.74	1	2000
E1-1/16CATB	-	1-1/16"	1.288	32.72	1.043	26.49	0.688	17.48	1.114	28.30	1	2800
E1-3/16B	-	1-3/16"	1.432	36.37	1.172	29.77	0.760	19.30	1.242	31.55	1	2000
E1-5/16B	-	1-5/16"	1.567	39.80	1.302	33.07	0.760	19.30	1.372	34.85	1	1800
E1-7/16B	-	1-7/16"	1.697	43.10	1.432	36.37	0.760	19.30	1.502	38.15	1	1500
E1-5/8B	-	1-5/8"	1.875	47.63	1.615	41.02	0.835	21.21	1.685	42.80	1	1100
E1-11/16B	-	1-11/16"	1.928	48.97	1.668	42.37	0.835	21.21	1.738	44.15	1	1000
E1-7/8A	E1-7/8B	1-7/8"	2.131	54.13	1.871	47.52	0.960	24.38	1.941	49.30	1	900
E2B	E2A	2"	2.256	57.30	1.994	50.65	1.085	27.56	2.064	52.43	1	600
E2-1/2A	-	2-1/2"	2.756	70.00	2.491	63.27	1.210	30.73	2.566	65.18	1	350

D Series Flanged Connector Caps

ALLIANCE



Specifications:

- Material: Low-Density Polyethylene
- Color: Red

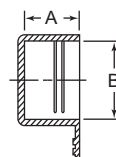
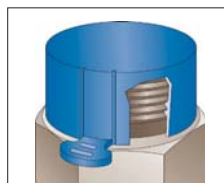
Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect connectors with standard threads

Item No.	To Cap Std. Threaded Connector	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
D1/4A	1/4"	0.240	6.10	0.480	12.19	0.500	12.70	1	5000
D3/8A	3/8"	0.360	9.14	0.625	15.88	0.500	12.70	1	5000
D1/2A	1/2"	0.477	12.12	0.750	19.05	0.500	12.70	1	7000
D9/16A	9/16"	0.551	14.00	0.781	19.84	0.500	12.70	1	6000
D5/8A	5/8"	0.593	15.06	0.875	22.23	0.500	12.70	1	4500
D3/4A	3/4"	0.716	18.19	1.000	25.40	0.487	12.37	1	3500
D7/8A	7/8"	0.841	21.36	1.125	28.58	0.491	12.47	1	2500
D15/16A	15/16"	0.930	23.62	1.156	29.36	0.547	13.89	1	2000
D1A	1"	0.960	24.38	1.250	31.75	0.500	12.70	1	2000
D1-1/8A	1-1/8"	1.092	27.74	1.375	34.93	0.563	14.29	1	1500
D1-3/16A	1-3/16"	1.176	29.87	1.438	36.51	0.563	14.29	1	3000
D1-1/4A	1-1/4"	1.207	30.66	1.500	38.10	0.563	14.29	1	3000
D1-3/8A	1-3/8"	1.348	34.24	1.625	41.28	0.563	14.29	1	2500
D1-7/16A	1-7/16"	1.407	35.74	1.688	42.86	0.563	14.29	1	2200
D1-1/2A	1-1/2"	1.458	37.03	1.719	43.66	0.563	14.29	1	2000
D1-3/4A	1-3/4"	1.730	43.94	1.969	50.01	0.563	14.29	1	1500



TS Series
Tear Tab Caps for SAE/JIC Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to Chart

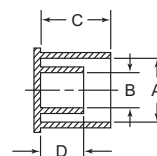
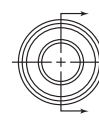
Features:

- Designed with a tear tab for easy removal
- Made to protect standard threads from damage but versatile enough to be used in numerous applications

See pages 1023 and 1024 for Application Wizards.

Item No.		To Cap Standard Thread	SAE/JIC Fitting Size	A		B		Pack Qty.	Bulk Pack Qty.
Natural	Blue			In	mm	In	mm		
TS3B	TS3A	3/8"-24	3	0.437	11.10	0.364	9.25	1	6500
TS4B	TS4A	7/16"-20	4	0.460	11.68	0.433	11.00	1	5500
TS5B	TS5A	1/2"-20	5	0.460	11.68	0.490	12.45	1	4500
TS6B	TS6A	9/16"-18	6	0.475	12.07	0.551	14.00	1	7000
TS7B	TS7A	11/16"-16	7	0.475	12.07	0.675	17.15	1	5000
TS8B	TS8A	3/4"-16	8	0.560	14.22	0.740	18.80	1	3500
TS9B	TS9A	13/16"-16	9	0.560	14.22	0.802	20.37	1	3000
TS10B	TS10A	7/8"-14	10	0.650	16.51	0.873	22.17	1	4500
TS11B	TS11A	1"-14	11	0.650	16.51	0.986	25.04	1	4000
TS12B	TS12A	1-1/16"-12	12	0.750	19.05	1.053	26.75	1	3000
TS13B	TS13A	1-3/16"-12	13	0.750	19.05	1.172	29.77	1	2700
TS16B	TS16A	1-5/16"-12	16	0.750	19.05	1.302	33.07	1	2200
TS17B	TS17A	1-7/16"-12	17	0.750	19.05	1.432	36.37	1	2000
TS20B	TS20A	1-5/8"-12	20	0.825	20.96	1.615	41.02	1	1300
TS21B	TS21A	1-11/16"-12	21	0.825	20.96	1.668	42.37	1	1200
TS24B	TS24A	1-7/8"-12	24	0.950	24.13	1.871	47.52	1	900
TS32B	TS32A	2-1/2"-12	32	1.200	30.48	2.491	63.27	1	400

M Series
Tube & Nut Assembly Caps



Specifications:

- Materials: Low-Density Polyethylene
- Color: Red

Features:

- Designed to protect flareless hydraulic tube and nut assemblies
- Features a double cap design. The outside cap conforms to the hex shape of the nut; the inside cap covers the tube and sleeve inside the nut to hold the assembly in place
- The MCA and MCM Series are frequently applied to automobile air conditioning tube and nut assemblies

Item No.	To Cap Tube Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
M2A	1/8"	0.391	9.93	0.172	4.37	0.580	14.73	0.400	10.16	1	6000
M3A	3/16"	0.456	11.58	0.236	5.99	0.630	16.00	0.410	10.41	1	8500
M4A	1/4"	0.606	15.39	0.283	7.19	0.650	16.51	0.380	9.65	1	5000
M5A	5/16"	0.655	16.64	0.352	8.94	0.810	20.57	0.540	13.72	1	3500
M6A	3/8"	0.740	18.80	0.440	11.18	0.845	21.46	0.545	13.84	1	2800
M8A	1/2"	0.914	23.22	0.567	14.40	0.905	22.99	0.540	13.72	1	1800
M10A	5/8"	1.044	26.52	0.670	17.02	1.030	26.16	0.647	16.43	1	2500
M12A	3/4"	1.324	33.62	0.851	21.62	1.045	26.54	0.643	16.33	1	1600
M16A	1"	1.564	39.73	1.060	26.92	1.097	27.86	0.550	13.97	1	1100
M20A	1-1/4"	2.090	53.09	1.320	33.53	1.104	28.04	0.625	15.88	1	650
M24A	1-1/2"	2.345	59.56	1.535	38.99	1.078	27.38	0.620	15.75	1	550
MCA10A	3/8" female	0.799	20.29	0.326	8.28	0.610	15.49	0.211	5.36	1	2800
MCA12A	1/2" female	0.930	23.62	0.450	11.43	0.750	19.05	0.315	8.00	1	3500
MCA17A	3/4" female	1.330	33.78	0.684	17.37	1.060	26.92	0.315	8.00	1	1500
MCM10A	3/8" male	0.612	15.54	0.326	8.28	0.800	20.32	0.211	5.36	1	3500
MCM12A	1/2" male	0.735	18.67	0.450	11.43	1.000	25.40	0.315	8.00	1	2000

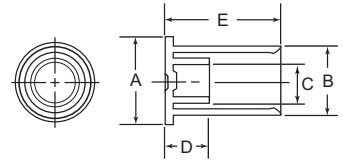
**OFR Series**
O-Ring Face-Fitting Caps for UNF/JIC Threads**ALLIANCE**

Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to Chart

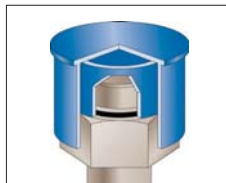
Features:

- Designed to protect O-ring face seal connectors used on hydraulic connections
- Designed with a longer overall length and includes a molded retaining ring at the bottom that snaps under the connector so it will not fall off the connector



Item No. (Blue)	To Cap UNF Thread	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm	In	mm		
OFR4B	9/16"-18	0.938	23.80	0.771	19.58	0.500	12.70	0.330	8.30	0.690	17.50	1	3000
OFR6B	11/16"-16	1.125	28.40	0.903	22.93	0.625	16.00	0.370	9.40	0.770	19.60	1	2500
OFR8A	13/16"-16	1.219	31.00	1.052	26.72	0.750	19.10	0.430	10.90	0.930	23.60	1	3000
OFR10A	1"-14	1.438	36.50	1.255	31.50	0.906	23.00	0.530	13.50	1.040	26.40	1	2000
OFR12A	1-3/16"-12	1.688	42.70	1.530	38.86	1.093	27.70	0.570	14.50	1.140	28.80	1	1200
OFR16A	1-7/16"-12	2.000	50.80	1.804	45.82	1.343	34.10	0.580	14.70	1.210	30.70	1	900
OFR20A	1-11/16"-12	2.250	57.20	2.093	53.16	1.593	40.50	0.580	14.70	1.210	30.70	1	700
OFR24A	2"-12	2.719	69.00	2.520	64.01	1.875	47.60	0.580	14.70	1.210	30.70	1	450

Item No.		To Cap JIC Thread	JIC Fitting Size	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
Blue	Red			In	mm	In	mm	In	mm	In	mm	In	mm		
OFR100A	OFR100B	7/16"-20	4	0.770	19.60	0.712	18.08	0.370	9.40	0.420	10.67	0.710	18.03	1	3000
OFR110A	OFR110B	9/16"-18	6	0.950	24.10	0.864	21.95	0.500	12.80	0.420	10.67	0.840	21.34	1	2500
OFR120A	OFR120B	3/4"-16	8	1.160	29.30	1.067	27.10	0.670	17.00	0.430	10.92	0.930	23.62	1	1200
OFR130A	OFR130B	7/8"-14	10	1.280	32.50	1.192	30.28	0.780	19.80	0.500	12.70	1.050	26.67	1	1200
OFR140A	OFR140B	1-1/16"-12	12	1.580	40.10	1.489	37.82	0.960	24.40	0.570	14.48	1.150	29.21	1	1200
OFR150A	OFR150B	1-5/16"-12	16	1.880	47.80	1.766	44.86	1.220	30.90	0.590	14.99	1.210	30.73	1	1000

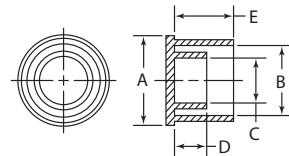
OR Series
O-Ring Face-Fitting Caps for UNF Threads**ALLIANCE**

Specifications:

- Material: Low-Density Polyethylene
- Color: Blue

Features:

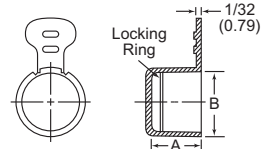
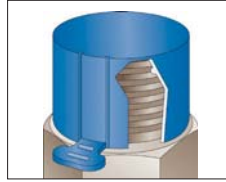
- Designed to protect O-ring face seal connectors used on hydraulic connections



Item No.	To Cap UNF Thread	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm	In	mm		
OR4A	9/16"-18	0.875	22.23	0.768	19.51	0.500	12.70	0.326	8.28	0.578	14.68	1	3500
OR6A	11/16"-16	1.000	25.40	0.901	22.89	0.594	15.08	0.370	9.40	0.672	17.07	1	2500
OR8A	13/16"-16	1.156	29.37	1.053	26.75	0.750	19.05	0.430	10.92	0.828	21.03	1	3000
OR10A	1"-14	1.375	34.93	1.260	32.00	0.906	23.02	0.530	13.46	0.922	23.42	1	2000
OR12A	1-3/16"-12	1.625	41.28	1.535	38.99	1.094	27.78	0.560	14.48	1.031	26.19	1	1200
OR16A	1-7/16"-12	1.844	46.83	1.804	45.82	1.344	34.13	0.580	14.73	1.094	27.78	1	900
OR20A	1-11/16"-12	2.125	53.98	2.093	53.16	1.594	40.48	0.580	14.73	1.094	27.78	1	700
OR24B	2"-12	2.688	68.26	2.520	64.01	1.875	47.63	0.580	14.73	1.094	27.78	1	450



Y Series
Tear Tab Caps for NPT Threads



Specifications:

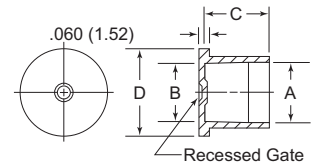
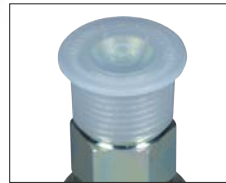
- Material: Low-Density Polyethylene
- Color: Refer to Chart

Features:

- Designed with a tear tab for easy removal
- Made to protect NPT threads from damage but versatile enough to be used in numerous applications

Item No.		To Cap NPT Thread	A		B		Pack Qty.	Bulk Pack Qty.
Natural	Blue		In	mm	In	mm		
Y1/8B	Y1/8A	1/8"	0.320	8.13	0.386	9.80	1	5000
Y1/4N	Y1/4A	1/4"	0.490	12.45	0.531	13.49	1	4000
Y3/8B	Y3/8A	3/8"	0.490	12.45	0.665	16.89	1	5500
Y1/2B	Y1/2A	1/2"	0.640	16.26	0.817	20.75	1	5500
Y3/4D	Y3/4A	3/4"	0.630	16.00	1.033	26.24	1	4000
Y1B	Y1A	1"	0.785	19.94	1.305	33.15	1	2000
Y1-1/4N	Y1-1/4A	1-1/4"	0.840	21.34	1.643	41.73	1	1300
Y1-1/2E	Y1-1/2A	1-1/2"	0.850	21.59	1.884	47.85	1	1000
Y2B	Y2A	2"	0.890	22.61	2.339	59.41	1	600
Y2-1/2N	-	2-1/2"	1.375	34.93	2.850	72.39	1	500
Y3N	-	3"	1.437	36.50	3.475	88.27	1	250
Y3-1/2N	-	3-1/2"	1.500	38.10	3.980	101.09	1	200
Y4N	-	4"	1.500	38.10	4.480	113.79	1	150
Y5N	-	5"	1.625	41.28	5.535	140.59	1	100
Y6N	-	6"	1.700	43.18	6.600	167.64	1	50

ECS Series
Flanged Caps for NPT Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Natural

Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect NPT threads with or without O-rings

Item No.	To Cap NPT Thread	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
ECS0125A	1/8"	0.399	10.13	0.383	9.73	0.380	9.65	0.660	16.76	1	10000
ECS0250A	1/4"	0.533	13.54	0.510	12.90	0.530	13.46	0.810	20.57	1	9000
ECS0375A	3/8"	0.669	16.99	0.644	16.36	0.530	13.46	0.940	23.88	1	5000
ECS0500A	1/2"	0.833	21.16	0.800	20.32	0.720	18.29	1.090	27.69	1	3000
ECS0750A	3/4"	1.045	26.54	1.011	25.68	0.750	19.05	1.310	33.27	1	2000
ECS1000A	1"	1.310	33.27	1.267	32.18	0.930	23.62	1.560	39.62	1	1000
ECS1250A	1-1/4"	1.655	42.04	1.611	40.92	0.970	24.64	1.940	49.28	1	800
ECS1500A	1-1/2"	1.893	48.08	1.848	46.94	0.970	24.64	2.160	54.86	1	600
ECS2000A	2"	2.370	60.20	2.323	59.00	1.030	26.16	2.620	66.55	1	500

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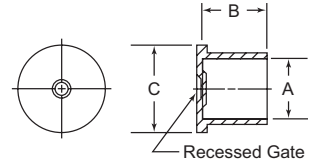
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ECM Series
Flanged Caps for Metric Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Natural

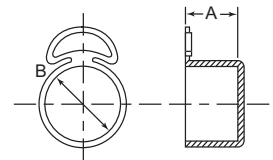
Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect metric threads with or without O-rings

Item No.	To Cap Metric Thread	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
ECM10A	M10	0.385	9.78	0.382	9.70	0.689	17.50	1	8000
ECM12A	M12	0.463	11.75	0.470	11.95	0.768	19.50	1	7000
ECM14A	M14	0.540	13.72	0.470	11.95	0.846	21.50	1	5000
ECM16A	M16	0.617	15.67	0.470	11.95	0.925	23.50	1	5000
ECM18A	M18	0.696	17.68	0.470	11.95	1.004	25.50	1	3000

Item No.	To Cap Metric Thread	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
ECM20A	M20	0.774	19.66	0.553	14.05	1.083	27.50	1	2500
ECM22A	M22	0.855	21.72	0.553	14.05	1.161	29.50	1	3000
ECM33A	M33	1.285	32.64	0.687	17.45	1.590	40.39	1	2000
ECM38A	M38	1.481	37.62	0.748	19.00	1.751	44.50	1	1000
ECM42A	M42	1.640	41.68	0.748	19.00	1.948	49.50	1	1000

TSM Series
Tear Tab Caps for Metric Threads



Specifications:

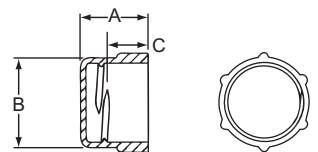
- Material: Low-Density Polyethylene
- Color: Refer to Chart

Features:

- Designed with a tear tab for easy removal
- Made to protect metric threads from damage but versatile enough to be used in numerous applications

Item No.	To Cap Metric Thread	A		B		Color	Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm			
TSM12A	M12	0.472	12.00	0.472	12.00	Yellow	1	5000
TSM14A	M14	0.551	14.00	0.555	14.10	Yellow	1	5000
TSM16A	M16	0.634	16.10	0.650	16.50	Yellow	1	5000
TSM18A	M18	0.709	18.00	0.709	18.00	Yellow	1	4000
TSM20B	M20	0.787	20.00	0.787	20.00	Natural	1	2000
TSM22A	M22	0.866	22.00	0.866	22.00	Yellow	1	2000

QFC Series
Quick Fit Caps for Metric Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Red

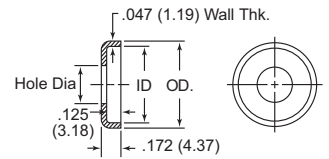
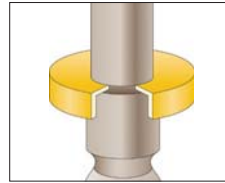
Features:

- Fewer thread forms allow for quick application

Item No.	To Cap Metric Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
QFC145A	M8 x 1	0.394	10.00	0.394	10.00	0.236	6.00	1	5000
QFC146A	M10 x 1	0.394	10.00	0.472	12.00	0.236	6.00	1	5000
QFC147A	M12 x 1.5	0.472	12.00	0.551	14.00	0.295	7.50	1	5000
QFC148A	M14 x 1.5	0.472	12.00	0.630	16.00	0.295	7.50	1	5000
QFC149A	M14 x 1.5	0.827	21.00	0.630	16.00	0.335	8.50	1	5000
QFC150A	M16 x 1.5	0.472	12.00	0.709	18.00	0.295	7.50	1	5000
QFC151A	M16 x 1.5	0.827	21.00	0.709	18.00	0.256	6.50	1	5000
QFC152A	M18 x 1.5	0.551	14.00	0.787	20.00	0.374	9.50	1	4000
QFC153A	M20 x 1.5	0.551	14.00	0.866	22.00	0.374	9.50	1	4000
QFC154A	M22 x 1.5	0.551	14.00	0.965	24.50	0.374	9.50	1	2000
QFC155A	M24 x 1.5	0.551	14.00	1.043	26.50	0.374	9.50	1	2000
QFC156A	M26 x 1.5	0.551	14.00	1.122	28.50	0.374	9.50	1	2000
QFC157A	M28 x 1.5	0.551	14.00	1.260	32.00	0.374	9.50	1	2000
QFC158A	M30 x 2.0	0.551	14.00	1.339	34.00	0.354	9.00	1	1500



W Series Hose Washer Caps



Specifications:

- Material: Refer to Chart
- Color: Refer to Chart

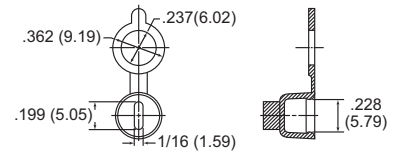
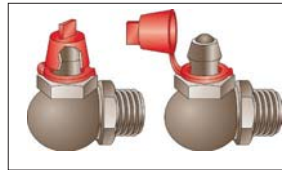
Features:

- Applied on hose and tube ends in order to prevent them from sliding over the fittings.

Item No.	Hole Diameter		I.D.		O.D.		Color	Material	Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm				
W6A	0.320	8.13	0.589	14.96	0.685	17.40	Yellow	LDPE	1	4750
W6C	0.320	8.13	0.589	14.96	0.685	17.40	Black	TPE	1	4750
W8A	0.445	11.30	0.760	19.30	0.860	21.84	Yellow	LDPE	1	4000
W8C	0.445	11.30	0.760	19.30	0.860	21.84	Black	TPE	1	4000
W10A	0.575	14.61	0.870	22.10	0.968	24.59	Yellow	LDPE	1	5000
W10C	0.575	14.61	0.870	22.10	0.968	24.59	Black	TPE	1	5000

Item No.	Hole Diameter		I.D.		O.D.		Color	Material	Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm				
W13A	0.700	17.78	1.040	26.42	1.141	28.98	Yellow	LDPE	1	7000
W13C	0.700	17.78	1.040	26.42	1.141	28.98	Black	TPE	1	6500
W15A	0.828	21.03	1.165	29.59	1.266	32.16	Yellow	LDPE	1	5000
W15C	0.828	21.03	1.165	29.59	1.266	32.16	Black	TPE	1	5000
W20A	1.050	26.67	1.300	33.02	1.400	35.56	Yellow	LDPE	1	5000
W20C	1.050	26.67	1.300	33.02	1.400	35.56	Black	TPE	1	5000

GC Series Grease Fitting Caps



Specifications:

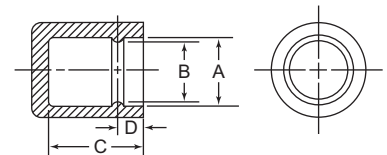
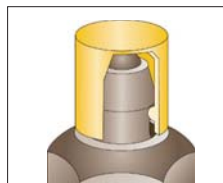
- Material: Low-Density Polyethylene
- Color: Red

Features:

- Designed to protect grease fittings from moisture or dirt
- Integral anchor strap keeps cap in place

Item No.	Pack Qty.	Bulk Pack Qty.
GC1A	1	5000

LC Series Lubrication Fitting Caps



Specifications:

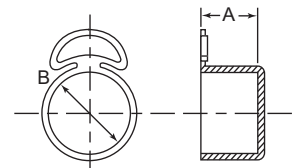
- Material: Soft Vinyl
- Color: Yellow

Features:

- Designed to protect lubrication fittings from dirt and moisture

Item No.	A		B		C		D		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm	In	mm		
LC392A	0.250	6.35	0.218	5.53	0.343	8.71	0.062	1.57	1	9000

TSB Series Tear Tab Caps for BSP Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Yellow

Features:

- Designed with a tear tab for easy removal
- Made to protect BSP/Gas threads from damage but versatile enough to be used in numerous applications

Item No.	To Cap BSP/Gas Thread	A		B		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm		
TSB10351A	1/4" x 19	0.433	11.00	0.512	13.00	1	10000
TSB10492A	3/8" x 19	0.472	12.00	0.630	16.00	1	5000
TSB10308A	1/2" x 14	0.591	15.00	0.835	21.20	1	4000
TSB12373A	5/8" x 14	0.728	18.50	0.906	23.00	1	3000
TSB10701A	3/4" x 14	0.937	23.80	1.035	26.30	1	1500
TSB12375A	7/8" x 14	0.984	25.00	1.161	29.50	1	1500
TSB12376A	1" x 11	0.709	18.00	1.339	34.00	1	1500

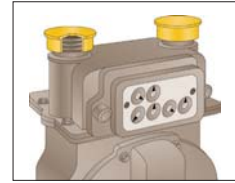
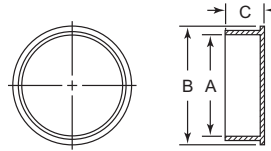
**MC Series
Meter Caps****ALLIANCE**

Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to chart

Features:

- Designed to protect threads on electric, gas and water meters
- Remains on the unit until it is installed



Item No.	Thread Size	A		B		C		Color	Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm			
MC1A	1A	1.600	40.64	1.820	46.23	0.610	15.49	Green	1	1200
MC5A	5 LT	1.105	28.07	1.340	34.04	0.605	15.37	Yellow	1	2500
MC10A	10 LT	1.425	36.20	1.640	41.66	0.600	15.24	Blue	1	1500
MC14A	14 LT	1.610	40.89	1.815	46.10	0.600	15.24	Red	1	1200

Item No.	Thread Size	A		B		C		Color	Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm			
MC20A	20 LT	1.835	46.61	2.025	51.44	0.660	16.76	Black	1	950
MC30A	30 LT	2.025	51.44	2.240	56.90	0.660	16.76	Blue	1	750
MC45A	45 LT	2.255	57.28	2.420	61.47	0.910	23.11	Yellow	1	500

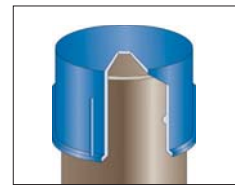
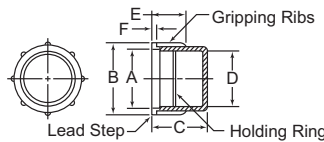
**PC Series
Packaging Tube Caps****ALLIANCE**

Specifications:

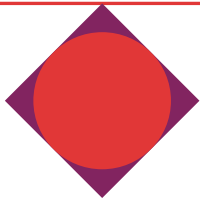
- Material: Low-Density Polyethylene
- Color: Blue

Features:

- Designed with an internal rib which provides a quick seal on packaging tube containers



Item No.	A		B		C		D		E		F		Common Uses	Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			
PC1/4A	0.372	9.45	0.495	12.57	0.400	10.16	0.365	9.27	0.312	7.92	0.030	0.76	1/4" I.D. Tube With .045 Wall	1	5000
PC3/8A	0.461	11.71	0.588	14.94	0.438	11.13	0.454	11.53	0.312	7.92	0.030	0.76	3/8" I.D. Tube With .045 Wall	1	5500
PC1/2A	0.598	15.19	0.730	18.54	0.526	13.36	0.592	15.04	0.375	9.53	0.035	0.89	1/2" I.D. Tube With .045 Wall	1	6000
PC5/8A	0.725	18.42	0.855	21.72	0.600	15.24	0.716	18.19	0.375	9.53	0.035	0.89	5/8" I.D. Tube With .045 Wall	1	3500
PC3/4A	0.850	21.59	0.980	24.89	0.635	16.13	0.841	21.36	0.437	11.10	0.040	1.02	3/4" I.D. Tube With .045 Wall	1	2500
PC1A	1.113	28.27	1.234	31.34	0.698	17.73	1.090	27.69	0.500	12.70	0.040	1.02	1" I.D. Tube With .045 Wall	1	3300
PC1-3/8A	1.530	38.86	1.654	42.01	0.785	19.94	1.500	38.10	0.562	14.27	0.050	1.27	1-3/8" I.D. Tube With .045 Wall	1	1600
PC1-3/4A	1.894	48.11	2.032	51.61	0.785	19.94	1.862	47.29	0.562	14.27	0.050	1.27	1-3/4" I.D. Tube With .045 Wall	1	1200

**PACKAGING
TUBE PLUGS**

- 2 Styles
- 18 Sizes
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DSP Series Driveshaft Protection Caps

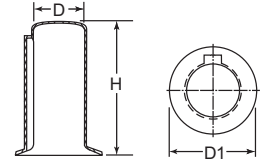


Specifications:

- Material: Polyethylene
- Color: Yellow

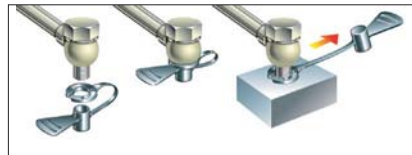
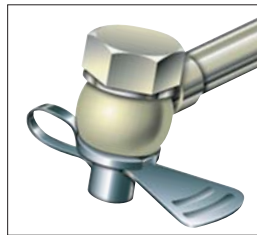
Features:

- Protection and masking of drive shaft and surrounding bearings
- To fit ANSI, SAE and DIN drive shafts per ISO R775, IEC 600-72 and DIN 748



Item No.	D To fit Nominal Shaft Diameter			D1		H		Pack Qty.	Bulk Pack Qty.
	ANSI	SAE	mm	In	mm	In	mm		
DSP467003A	—	—	9	0.570	14.5	0.984	25	1	500
DSP467004A	—	3/8	10	0.629	16.0	1.181	30	1	500
DSP467005A	7/16	—	11	0.689	17.5	1.181	30	1	500
DSP467006A	9/16	—	14	0.885	22.5	1.378	35	1	500
DSP467007A	—	—	15	1.003	25.5	1.378	35	1	500
DSP467008A	5/8	5/8	16	1.003	25.5	1.968	50	1	500
DSP467009A	3/4	3/4	19	1.200	30.5	1.968	50	1	400
DSP467010A	13/16	—	20	1.259	32.0	2.362	60	1	250
DSP467011A	7/8	7/8	22	1.397	35.5	2.362	60	1	250
DSP467012A	15/16	—	24	1.515	38.5	2.362	60	1	200
DSP467013A	1	1	25	1.574	40.0	2.755	70	1	200
DSP467014A	1-1/8	1-1/8	28	1.771	45.0	2.755	70	1	150
DSP467015A	1-3/16	—	30	1.889	48.0	3.740	95	1	100
DSP467016A	1-1/4	1-1/4	32	2.007	51.0	3.740	95	1	100
DSP467017A	1-3/8	1-3/8	35	2.204	56.0	3.740	95	1	100
DSP467018A	1-1/2	1-1/2	38	2.401	61.0	3.740	95	1	100
DSP467019A	1-5/8	1-5/8	42	2.637	67.0	5.118	130	1	75
DSP467020A	1-3/4	1-3/4	45	2.834	72.0	5.118	130	1	50
DSP467021A	1-7/8	1-7/8	48	3.031	77.0	5.118	130	1	100
DSP467022A	2-1/4	2-1/4	55	3.464	88.0	5.118	130	1	100
DSP467023A	2-3/8	—	60	3.779	96.0	6.496	165	1	75
DSP467024A	2-1/2	2-1/2	65	4.094	104.0	6.496	165	1	75
DSP467025A	2-3/4	2-3/4	70	4.252	108.0	6.496	165	1	75
DSP467026A	3	3	75	4.409	112.0	6.496	165	1	75

BBC Series Banjo Bolt Caps



Specifications:

- Material: Low-Density Polyethylene
- Color: Black

Features:

- Prevents damage, dirt, moisture and corrosion during storage and shipping
- The one piece cap and retaining washer design are combined to hold the storage and shipment banjo union together during assembly
- The BBC105A is supplied with a bridged retaining loop

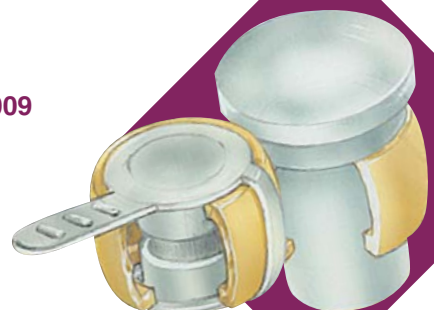


Item No.	Banjo Bolt Dia.	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
BBC105A	M8	0.307	7.8	0.327	8.3	0.650	16.5	1	5000
BBC110A	M10	0.378	9.6	0.406	10.3	0.866	22.0	1	5000
BBC115A	M12	0.457	11.6	0.484	12.3	0.945	24.0	1	5000
BBC120A	M14	0.535	13.6	0.563	14.3	1.024	26.0	1	4000



BANJO UNION PLUGS

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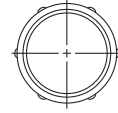
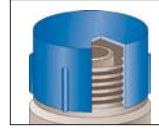


THREADED CAPS

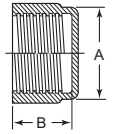
G Series
UNF/JIC Threaded Caps for Flared/Flareless Fittings

Specifications:

- Material: Low-Density Polyethylene
- Color: Blue



ALLIANCE



Features:

- Threaded cap with rolled threads allows you to thread or push on for easy application
- Protects flared and flareless fittings against dirt, dents and moisture

See pages 1023 and 1024 for Application Wizards.

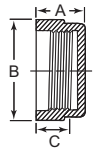
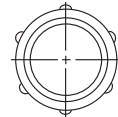
Item No.	UNF/JIC Thread Size	Tubing Size In	JIC Fitting Size	A		B		Pack Qty.	Bulk Pack Qty.
				In	mm	In	mm		
G1A	3/8"-24	3/16	3	0.437	11.11	0.469	11.91	1	5000
G2A	7/16"-20	1/4	4	0.500	12.70	0.500	12.70	1	5000
G3A	7/16"-24	1/4	4	0.500	12.70	0.313	7.94	1	4500
G4A	1/2"-20	5/16	5	0.563	14.29	0.313	7.94	1	6500
G5A	1/2"-20	5/16	5	0.563	14.29	0.500	12.70	1	4500
G6A	1/2"-26	—	—	0.563	14.29	0.500	12.70	1	4250
G7A	1/2"-20	5/16	5	0.563	14.29	0.875	22.23	1	5000
G8A	9/16"-18	3/8	6	0.625	15.88	0.500	12.70	1	6500
G9A	5/8"-18	3/8	—	0.687	17.46	0.500	12.70	1	6000
G11A	5/8"-18	3/8	—	0.687	17.46	0.563	14.29	1	5000
G12A	5/8"-18	3/8	—	0.687	17.46	0.813	20.64	1	3500
G13A	5/8"-24	—	—	0.687	17.46	0.375	9.53	1	4250
G14A	3/4"-16	1/2	8	0.813	20.64	0.625	15.88	1	3500
G15A	3/4"-18	—	—	0.813	20.64	0.906	23.02	1	2500

Item No.	UNF/JIC Thread Size	Tubing Size In	JIC Fitting Size	A		B		Pack Qty.	Bulk Pack Qty.
				In	mm	In	mm		
G16A	3/4"-20	—	—	0.813	20.64	0.437	11.11	1	5000
G17A	7/8"-14	5/8	10	0.937	23.81	0.719	18.26	1	2400
G18A	7/8"-14	5/8	10	0.937	23.81	1.000	25.40	1	3500
G19A	7/8"-18	—	—	0.937	23.81	0.437	11.11	1	3500
G20A	7/8"-18	—	—	0.937	23.81	0.781	19.84	1	4500
G21A	1"-14	—	—	1.063	26.99	0.781	19.84	1	3500
G22A	1-1/16"-12	3/4	12	1.125	28.58	0.813	20.64	1	3000
G23A	1-1/16"-14	3/4	—	1.125	28.58	0.813	20.64	1	3000
G24A	1-1/16"-16	—	—	1.125	28.58	1.000	25.40	1	2500
G25A	1-3/16"-12	7/8	14	1.250	31.75	0.937	23.81	1	2000
G26A	1-1/4"-18	—	—	1.375	34.93	0.469	11.91	1	3500
G27A	1-5/16"-12	1	16	1.375	34.93	0.875	22.23	1	2000
G30A	1-5/8"-12	1-1/4	20	1.750	44.45	0.906	23.02	1	1200

TCUNF Series
UNF/JIC Threaded Caps

Specifications:

- Material: Low-Density Polyethylene
- Color: Red



Features:

- Protects threaded components from dust, moisture and damage during production, storage and shipment
- Designed with an easy to grip head for ease of hand installation

Item No.	To Cap UNF/JIC Thread Size	Tubing Size In	JIC Fitting Size	A		B		C		Pack Qty.	Bulk Pack Qty.
				In	mm	In	mm	In	mm		
10251A	3/8" x 24	3/16	3	0.327	8.30	0.433	11.00	0.157	4.00	1	5000
10332A	7/16" x 20	1/4	4	0.508	12.90	0.524	13.30	0.315	8.00	1	5000
12652A	7/16" x 24	1/4	—	0.539	13.70	0.524	13.30	0.307	7.80	1	5000
10528A	1/2" x 20	5/16	5	0.531	13.50	0.571	14.50	0.374	9.50	1	5000
11041A	9/16" x 18	3/8	6	0.531	13.50	0.65	16.50	0.374	9.50	1	5000
10653A	5/8" x 18	3/8	—	0.614	15.60	0.717	18.20	0.295	7.50	1	5000
12847A	3/4" x 16	1/2	8	0.543	13.80	0.854	21.70	0.374	9.50	1	4000
12825A	13/16" x 16	—	—	0.602	15.30	0.917	23.30	0.366	9.30	1	1250
11089A	7/8" x 14	5/8	10	0.795	20.20	0.98	24.90	0.567	14.40	1	2500
12075A	7/8" x 18	—	—	0.787	20.00	0.996	25.30	0.551	14.00	1	2500
12826A	1" x 14	—	—	0.677	17.20	1.087	27.60	0.472	12.00	1	2500
10685A	1-1/16" x 12	3/4	12	0.748	19.00	1.157	29.40	0.433	11.00	1	2000
10163A	1-3/16" x 12	7/8	14	0.752	19.10	1.287	32.70	0.512	13.00	1	1500
10151A	1-5/16" x 12	1	16	0.874	22.20	1.433	36.40	0.571	14.50	1	1000
12654A	1-3/8" x 12	—	—	0.965	24.50	1.472	37.40	0.413	10.50	1	1000
10185A	1-7/16" x 12	—	—	0.854	21.70	1.531	38.90	0.598	15.20	1	1000
11053A	1-5/8" x 12	1-1/4	20	0.866	22.00	1.764	44.80	0.551	14.00	1	800
11804A	1-7/8" x 12	1-1/2	24	0.984	25.00	1.98	50.30	0.591	15.00	1	500

TCMETRIC Series
Metric Threaded Caps

Item No.	To Cap Metric Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
12100A	M8 x 1	0.394	10.00	0.472	12.00	0.295	7.50	1	5000
12101A	M10 x 1	0.394	10.00	0.539	13.70	0.295	7.50	1	5000
12102A	M12 x 1	0.472	12.00	0.622	15.80	0.374	9.50	1	5000
12103A	M12 x 1.5	0.472	12.00	0.618	15.70	0.374	9.50	1	5000
12104A	M14 x 1.5	0.472	12.00	0.697	17.70	0.374	9.50	1	5000
12650A	M14 x 1.5	0.827	21.00	0.701	17.80	0.354	9.00	1	5000
12105A	M16 x 1.5	0.472	12.00	0.776	19.70	0.374	9.50	1	5000
12651A	M16 x 1.5	0.827	21.00	0.787	20.00	0.354	9.00	1	5000
12106A	M18 x 1.5	0.551	14.00	0.850	21.60	0.453	11.50	1	4000
12107A	M20 x 1.5	0.551	14.00	0.925	23.50	0.374	9.50	1	4000

Item No.	To Cap Metric Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
12108A	M22 x 1.5	0.543	13.80	1.024	26.00	0.453	11.50	1	3000
12845A	M22 x 1.5	0.965	24.50	1.024	26.00	0.689	17.50	1	2500
12109A	M24 x 1.5	0.551	14.00	1.142	29.00	0.453	11.50	1	3000
12110A	M25 x 1.5	0.551	14.00	1.122	28.50	0.453	11.50	1	2000
12111A	M26 x 1.5	0.551	14.00	1.181	30.00	0.453	11.50	1	2000
12967A	M28 x 1.5	0.488	12.40	1.260	32.00	0.551	14.00	1	2000
12122A	M30 x 2	0.453	11.50	1.339	34.00	0.610	15.50	1	1500
12123A	M36 x 2	0.630	16.00	1.587	40.30	0.531	13.50	1	1500
12124A	M42 x 2	0.630	16.00	1.831	46.50	0.531	13.50	1	500
12126A	M52 x 2	0.630	16.00	2.224	56.50	0.531	13.50	1	500

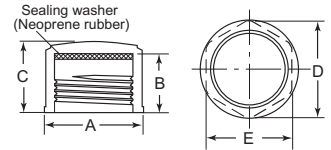
TCBSP Series
BSP Threaded Caps

Item No.	To Cap BSP/Gas Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
10392A	1/8" x 28	0.472	12.00	0.465	11.80	0.256	6.50	1	5000
10559A	1/4" x 19	0.433	11.00	0.583	14.80	0.315	8.00	1	5000
10104A	3/8" x 19	0.445	11.30	0.736	18.70	0.291	7.40	1	5000
10198A	1/2" x 14	0.531	13.50	0.913	23.20	0.276	7.00	1	5000
11157A	5/8" x 14	0.618	15.70	1.000	25.40	0.394	10.00	1	3000
10205A	3/4" x 14	0.697	17.70	1.157	29.40	0.441	11.20	1	2000
10970A	7/8" x 14	0.768	19.50	1.276	32.40	0.492	12.50	1	1500

Item No.	To Cap BSP/Gas Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
10204A	1" x 11	0.748	19.00	1.417	36.00	0.571	14.50	1	1500
10167A	1-1/4" x 11	0.780	19.80	1.748	44.40	0.512	13.00	1	1000
10432A	1-1/2" x 11	0.807	20.50	1.980	50.30	0.551	14.00	1	700
10968A	2" x 11	0.827	21.00	2.437	61.90	0.591	15.00	1	400
12954A	2-1/4" x 11	0.984	25.00	2.815	71.50	0.689	17.50	1	350
12905A	2-1/2" x 11	1.087	27.60	3.067	77.90	0.748	19.00	1	300



TSC Series UNF/Metric Threaded Sealing Caps



Specifications:

- High Density Polyethylene
- Color: Yellow

Features:

- This cap includes a neoprene sealing disk to limit fluid leakage
- The HDPE material reduces the potential of shearing
- The hexagonal head enables the cap to be applied or removed with a wrench or socket at low torques but it is recommended that you tighten them by hand.

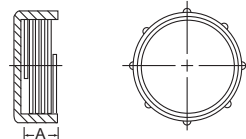
Unified Threads

Item No.	To Cap Thread Size	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm	In	mm		
TSC467054A	1/4" - 28	0.393	10.00	0.452	11.50	0.531	13.50	0.346	8.80	0.314	8.00	1	500
TSC467055A	3/8" - 24	0.511	13.00	0.492	12.50	0.570	14.50	0.476	12.10	0.433	11.00	1	500
TSC467056A	7/16" - 24	0.610	15.50	0.492	12.50	0.570	14.50	0.562	14.30	0.511	13.00	1	500
TSC467057A	7/16" - 20	0.610	15.50	0.511	13.00	0.590	15.00	0.562	14.30	0.511	13.00	1	500
TSC467058A	1/4" - 28	0.689	17.50	0.511	13.00	0.590	15.00	0.649	16.50	0.590	15.00	1	500
TSC467059A	9/16" - 18	0.728	18.50	0.531	13.50	0.610	15.50	0.688	17.50	0.629	16.00	1	500
TSC467060A	5/8" - 18	0.826	21.00	0.531	13.50	0.610	15.50	0.775	19.70	0.708	18.00	1	500
TSC467061A	3/4" - 16	0.944	24.00	0.570	14.50	0.649	16.50	0.905	23.00	0.826	21.00	1	500
TSC467062A	13/16" - 16	1.043	26.50	0.570	14.50	0.649	16.50	0.992	25.20	0.905	23.00	1	500
TSC467063A	7/8" - 18	1.082	27.50	0.531	13.50	0.610	15.50	1.035	26.30	0.944	24.00	1	500
TSC467064A	7/8" - 14	1.082	27.50	0.610	15.50	0.688	17.50	1.035	26.30	0.944	24.00	1	250
TSC467065A	1" - 14	1.220	31.00	0.610	15.50	0.688	17.50	1.165	29.60	1.062	27.00	1	250
TSC467066A	1-1/16" - 12	1.358	34.50	0.649	16.50	0.728	18.50	1.295	32.90	1.181	30.00	1	250
TSC467067A	1-3/16" - 12	1.437	36.50	0.649	16.50	0.728	18.50	1.381	35.10	1.259	32.00	1	250
TSC467068A	1-5/16" - 12	1.614	41.00	0.649	16.50	0.728	18.50	1.555	39.50	1.417	36.00	1	250
TSC467069A	1-3/8" - 12	1.692	43.00	0.649	16.50	0.728	18.50	1.641	41.70	1.496	38.00	1	250
TSC467070A	1-7/16" - 12	1.791	45.50	0.649	16.50	0.728	18.50	1.728	43.90	1.574	40.00	1	250
TSC467071A	1-5/8" - 12	2.007	51.00	0.649	16.50	0.748	19.00	1.944	49.40	1.771	45.00	1	100
TSC467072A	1-3/4" - 16	2.145	54.50	0.570	14.50	0.669	17.00	2.070	52.60	1.889	48.00	1	100
TSC467073A	1-7/8" - 12	2.322	59.00	0.649	16.50	0.748	19.00	2.244	57.00	2.047	52.00	1	100

Metric Threads

Item No.	To Cap Thread Size	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm	In	mm		
TSC467033A	M8 x 1	0.472	12.00	0.433	11.00	0.511	13.00	0.433	11.00	0.393	10.00	1	500
TSC467034A	M10 x 1	0.559	14.20	0.433	11.00	0.511	13.00	0.519	13.20	0.472	12.00	1	500
TSC467035A	M12 x 1	0.649	16.50	0.433	11.00	0.511	13.00	0.606	15.40	0.551	14.00	1	500
TSC467036A	M12 x 1.5	0.649	16.50	0.511	13.00	0.590	15.00	0.606	15.40	0.551	14.00	1	500
TSC467037A	M14 x 1.5	0.728	18.50	0.511	13.00	0.590	15.00	0.689	17.50	0.629	16.00	1	500
TSC467038A	M16 x 1.5	0.826	21.00	0.511	13.00	0.590	15.00	0.775	19.70	0.708	18.00	1	500
TSC467039A	M18 x 1.5	0.905	23.00	0.511	13.00	0.590	15.00	0.862	21.90	0.787	20.00	1	500
TSC467040A	M20 x 1.5	0.984	25.00	0.511	13.00	0.590	15.00	0.948	24.10	0.866	22.00	1	500
TSC467041A	M22 x 1.5	1.082	27.50	0.511	13.00	0.590	15.00	1.035	26.30	0.944	24.00	1	250
TSC467042A	M24 x 1.5	1.181	30.00	0.511	13.00	0.590	15.00	1.122	28.50	1.023	26.00	1	250
TSC467043A	M25 x 1.5	1.220	31.00	0.511	13.00	0.590	15.00	1.165	29.60	1.063	27.00	1	250
TSC467044A	M26 x 1.5	1.259	32.00	0.511	13.00	0.590	15.00	1.208	30.70	1.102	28.00	1	250
TSC467045A	M28 x 1.5	1.338	34.00	0.511	13.00	0.590	15.00	1.295	32.90	1.181	30.00	1	250
TSC467046A	M30 x 1.5	1.437	36.50	0.511	13.00	0.590	15.00	1.381	35.10	1.259	32.00	1	250
TSC467047A	M30 x 2	1.437	36.50	0.590	15.00	0.669	17.00	1.381	35.10	1.259	32.00	1	250
TSC467048A	M36 x 1.5	1.752	44.50	0.551	14.00	0.629	16.00	1.685	42.80	1.535	39.00	1	100
TSC467049A	M36 x 2	1.752	44.50	0.629	16.00	0.708	18.00	1.685	42.80	1.535	39.00	1	100
TSC467050A	M42 x 2	2.007	51.00	0.629	16.00	0.728	18.50	1.944	49.40	1.771	45.00	1	100
TSC467051A	M45 x 1.5	2.145	54.50	0.551	14.00	0.649	16.50	2.070	52.60	1.889	48.00	1	100
TSC467052A	M45 x 2	2.145	54.50	0.629	16.00	0.728	18.50	2.070	52.60	1.889	48.00	1	100
TSC467053A	M52 x 2	2.440	62.00	0.629	16.00	0.728	18.50	2.374	60.30	2.165	55.00	1	100

DC Series UNJ/UNJS Threaded Caps



Specifications:

- Material: High-Density Polyethylene
- Color: Black

Features:

- Protects threaded components from dust, moisture and damage during production, storage and shipment
- Designed with an easy to grip head for ease of hand installation
- Threads meet UNJ and UNJS specifications

Item No.	To Cap UNJ/UNJS Thread Size	Tubing Size In	A		Pack Qty.	Bulk Pack Qty.
			In	mm		
DC3A	3/8"-28	3/16	0.200	5.08	1	5000
DC4A	7/16"-24	1/4	0.240	6.1	1	5000
DC5A	1/2"-24	5/16	0.240	6.1	1	5000
DC6A	9/16"-20	3/8	0.260	6.6	1	5000
DC8A	23/32"-20	1/2	0.270	6.86	1	5000
DC10A	27/32"-18	5/8	0.340	8.64	1	5000
DC12A	1"-16	3/4	0.380	9.65	1	2500

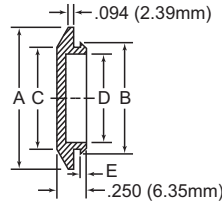
Item No.	To Cap UNJ/UNJS Thread Size	Tubing Size In	A		Pack Qty.	Bulk Pack Qty.
			In	mm		
DC14A	1-1/8"-16	7/8	0.400	10.16	1	2500
DC16A	1-1/4"-14	1	0.430	10.92	1	2000
DC20A	1-3/8"-14	1-1/4	0.430	10.92	1	1500
DC21SA	1-37/64"-14	1-1/4	0.430	10.92	1	1500
DC24A	1-25/32"-14	1-1/2	0.500	12.70	1	1000
DC25SA	1-27/32"-14	1-1/2	0.500	12.70	1	1000

ALLIANCE



S Series
Sheet Metal Plugs

ALLIANCE



Specifications:

- Material: Low-Density Polyethylene
- Color: Black

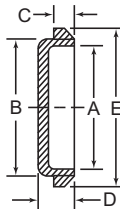
Features:

- Economical snap-in plug that provides an attractive finish and a secure fit for entry holes in sheet metal

Item No.	Hole Size		Max Metal Thickness		A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm		
S1/4A	0.250	0.110	2.79	0.500	12.70	0.280	7.11	0.250	6.35	0.188	4.78	0.250	6.35	1	5000	
SM3/8A	0.375	0.065	1.65	0.740	18.80	0.400	10.16	0.370	9.40	0.240	6.10	0.250	6.35	1	5000	
S3/8A	0.375	0.110	2.79	0.730	18.54	0.412	10.46	0.370	9.40	0.270	6.86	0.110	2.79	1	5000	
S7/16A	0.438	0.110	2.79	0.688	17.48	0.471	11.96	0.438	11.13	0.375	9.53	0.250	6.35	1	6000	
S1/2A	0.500	0.075	1.91	0.875	22.23	0.570	14.48	0.510	12.95	0.375	9.53	0.115	2.92	1	6000	
S9/16A	0.563	0.110	2.79	0.813	20.64	0.600	15.24	0.563	14.3	0.500	12.70	0.250	6.35	1	6000	
S5/8A	0.625	0.075	1.91	0.813	20.65	0.670	17.02	0.620	15.75	0.540	13.72	0.100	2.54	1	6000	
S11/16A	0.688	0.110	2.79	1.000	25.40	0.720	18.29	0.688	17.48	0.925	23.50	0.250	6.35	1	5000	
SM3/4A	0.750	0.094	2.39	1.120	28.45	0.810	20.57	0.760	19.30	0.610	15.49	0.250	6.35	1	5000	
S3/4A	0.750	0.110	2.79	1.125	28.58	0.790	20.07	0.760	19.30	0.623	15.82	0.115	2.92	1	6500	
S13/16A	0.813	0.110	2.79	1.125	28.58	0.845	21.46	0.813	20.65	0.750	19.05	0.250	6.35	1	5000	
S7/8A	0.875	0.110	2.79	1.250	31.75	0.900	22.86	0.870	22.10	0.745	18.92	0.094	2.39	1	5000	
S15/16A	0.937	0.111	2.80	1.251	31.76	0.980	24.9	0.937	23.8	0.875	22.23	0.250	6.35	1	5000	
S1A	1.000	0.110	2.79	1.438	36.53	1.040	26.42	1.010	25.65	0.875	22.23	0.110	2.79	1	3500	
S1-3/32A	1.094	0.110	2.79	1.375	34.93	1.150	29.21	1.094	27.79	1.031	26.19	0.250	6.35	1	4000	
S1-1/8A	1.125	0.110	2.79	1.500	38.10	1.180	29.97	1.125	28.58	1.063	27.00	0.250	6.35	1	3000	
S1-5/16A	1.313	0.110	2.79	1.688	42.88	1.360	34.54	1.313	33.35	1.250	31.75	0.250	6.35	1	2500	
S1-1/2A	1.500	0.110	2.79	1.875	47.63	1.540	39.12	1.500	38.10	1.400	35.56	0.110	2.79	1	2000	
S1-3/4A	1.750	0.110	2.79	2.130	54.10	1.835	46.61	1.730	43.94	1.610	40.89	0.105	2.67	1	1500	
S2A	2.000	0.110	2.79	2.375	60.33	2.060	52.32	2.000	50.80	1.938	49.23	0.250	6.35	1	1000	
S2-1/8A	2.125	0.110	2.79	2.500	63.50	2.175	55.25	2.125	53.98	2.063	52.40	0.250	6.35	1	1000	
S2-1/2A	2.500	0.110	2.79	3.000	76.20	2.560	65.02	2.500	63.50	2.438	61.93	0.250	6.35	1	700	
S2-5/8A	2.625	0.110	2.79	3.125	79.38	2.685	68.20	2.625	66.68	2.563	65.10	0.250	6.35	1	1200	
S3A	3.000	0.110	2.79	3.375	85.73	3.060	77.72	3.000	76.20	2.938	74.63	0.250	6.35	1	1000	
S3-3/8A	3.375	0.110	2.79	3.750	95.25	3.435	87.25	3.375	85.73	3.313	84.15	0.250	6.35	1	500	
S3-1/2A	3.500	0.110	2.79	3.875	98.43	3.560	90.42	3.500	88.90	3.438	87.33	0.250	6.35	1	600	

SR Series
Recessed Sheet Metal Plugs

ALLIANCE



Specifications:

- Material: Low-Density Polyethylene
- Color: Black

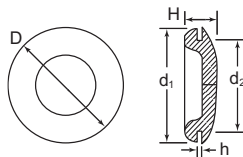
Features:

- Economical snap-in plug that provides an attractive finish and a secure fit for entry holes in sheet metal

Item No.	Hole Size		Max Metal Thickness		A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm		
SR1/2A	0.500	0.110	2.79	0.510	12.95	0.550	13.97	0.090	2.29	0.290	7.37	0.850	21.59	1	3000	
SR3/4A	0.750	0.180	4.57	0.750	19.05	0.800	20.32	0.190	4.83	0.380	9.65	1.156	29.36	1	4000	
SR7/8A	0.875	0.180	4.57	0.875	22.23	0.920	23.37	0.190	4.83	0.380	9.65	1.250	31.75	1	3500	
SR1A	1.000	0.150	3.81	1.000	25.40	1.043	26.49	0.096	2.44	0.319	8.10	1.377	34.98	1	3500	
SR1-1/4A	1.250	0.120	3.04	1.280	32.51	1.330	33.78	0.120	3.05	0.350	8.89	1.615	41.02	1	2000	
SR1-3/8A	1.375	0.190	4.82	1.375	34.93	1.437	36.50	0.200	5.08	0.410	10.41	1.750	44.45	1	1800	
SR1-1/2A	1.500	0.125	3.17	1.515	38.48	1.555	39.50	0.120	3.05	0.350	8.89	1.875	47.63	1	1500	
SR1-5/8A	1.625	0.190	4.82	1.625	41.28	1.688	42.88	0.200	5.08	0.410	10.41	2.000	50.80	1	1000	
SR1-3/4A	1.750	0.190	4.82	1.750	44.45	1.812	46.02	0.200	5.08	0.410	10.41	2.125	53.98	1	1000	
SR1-7/8A	1.875	0.190	4.82	1.875	47.63	1.937	49.20	0.200	5.08	0.410	10.41	2.250	57.15	1	900	
SR2A	2.000	0.190	4.82	2.000	50.80	2.060	52.32	0.170	4.32	0.390	9.91	2.500	63.50	1	800	
SR3A	3.000	0.190	4.82	3.000	76.20	3.065	77.85	0.200	5.08	0.410	10.41	3.500	88.90	1	300	



**Blanking Plug Series
PVC Hole Plugs**



Specifications:

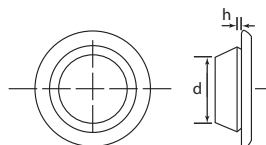
- Materials: PVC or TPR
- Color: Black

Features:

- PVC material: Non-staining; resistant to ozone, acids, and sunlight; with excellent aging qualities
- TPR Material: Very resistant to oils, acids and alkalies; resistant temperatures (up to 350°F, 176°C short term)

Item No.		Panel Hole Size d2		Panel Thickness h		D= O.D.		Depth H		d1		Pack Qty.	Bulk Pack Qty.
PVC	TPR	In	mm	In	mm	In	mm	In	mm	In	mm		
10860B	15150B	0.187	4.70	0.063	1.60	0.366	9.30	0.181	4.60	0.366	9.30	1	10000
10825B	15151B	0.250	6.40	0.063	1.60	0.374	9.50	0.197	5.00	0.374	9.50	1	10000
10832B	—	0.313	8.00	0.031	0.80	0.571	14.50	0.157	4.00	0.417	10.60	1	10000
10233B	—	0.313	8.00	0.063	1.60	0.571	14.50	0.177	4.50	0.417	10.60	1	10000
10488B	—	0.354	9.00	0.063	1.60	0.591	15.00	0.260	6.60	0.488	12.40	1	10000
10912B	15155B	0.438	11.10	0.063	1.60	0.697	17.70	0.244	6.20	0.504	12.80	1	10000
10768B	—	0.453	11.50	0.063	1.60	0.669	17.00	0.276	7.00	0.610	15.50	1	5000
15511B	—	0.469	11.90	0.047	1.20	0.689	17.50	0.280	7.10	0.626	15.90	1	10000
10502B	15157B	0.500	12.70	0.063	1.60	0.736	18.70	0.220	5.60	0.610	15.50	1	5000
11321B	15158B	0.587	14.90	0.051	1.30	0.787	20.00	0.276	7.00	0.724	18.40	1	10000
10213B	15159B	0.610	15.50	0.063	1.60	0.866	22.00	0.295	7.50	0.748	19.00	1	5000
40043B	—	0.625	15.90	0.063	1.60	0.748	19.00	0.280	7.10	0.748	19.00	1	10000
12914B	—	0.642	16.30	0.051	1.30	0.787	20.00	0.276	7.00	0.728	18.50	1	5000
10678B	15160B	0.750	19.00	0.063	1.60	0.984	25.00	0.256	6.50	0.846	21.50	1	5000
10499A	15161B	0.781	20.00	0.063	1.60	0.984	25.00	0.256	6.50	0.846	21.50	1	5000
11152B	15162B	0.866	22.00	0.094	2.40	1.122	28.50	0.323	8.20	1.047	26.60	1	3000
10902B	—	0.875	22.50	0.063	1.60	1.122	28.50	0.295	7.50	1.063	27.00	1	3000
11027B	15164B	0.968	24.50	0.094	2.40	1.181	30.00	0.343	8.70	1.083	27.50	1	2000
11323B	—	0.984	25.00	0.031	0.80	1.516	38.50	0.181	4.60	1.122	28.50	1	3000
10705B	15166B	1.000	25.40	0.063	1.60	1.260	32.00	0.354	9.00	1.114	28.30	1	3000
11148B	15165B	1.000	25.40	0.094	2.40	1.260	32.00	0.354	9.00	1.114	28.30	1	3000
11239B	—	1.250	31.50	0.031	0.80	1.504	38.20	0.276	7.00	1.240	31.50	1	2000
11059B	15168B	1.250	31.50	0.063	1.60	1.504	38.20	0.295	7.50	1.394	35.40	1	2000
11281B	15170B	1.260	32.00	0.122	3.10	1.504	38.20	0.354	9.00	1.394	35.40	1	2000
10877B	15171B	1.500	38.20	0.063	1.60	1.720	43.70	0.323	8.20	1.693	43.00	1	1500
10320B	15172B	2.031	51.50	0.063	1.60	2.264	57.50	0.488	12.40	2.071	52.60	1	500

**Body Series
TPR Hole Plugs**



Specifications:

- Material: TPR (-100°F to 300°F)

Features:

- Each size covers a range of panel thicknesses
- Designed to fit standard metric holes
- Very resistant to oils, acids and alkalies

Item No.	Panel Hole d		Panel Thickness h		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm		
16230B	0.394	10.00	.032-.078	0.8-2.0	1	5000
16231B	0.472	12.00	.031-.078	0.8-2.0	1	5000
16232B	0.551	14.00	.031-.078	0.8-2.0	1	5000
16233B	0.630	16.00	.031-.078	0.8-2.0	1	5000
16234B	0.709	18.00	.031-.078	0.8-2.0	1	2500

Item No.	Panel Hole d		Panel Thickness h		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm		
16235B	0.787	20.00	.031-.078	0.8-2.0	1	2500
16236B	0.866	22.00	.031-.078	0.8-2.0	1	2500
16237B	0.984	25.00	.031-.078	0.8-2.0	1	3000
16238B	1.181	30.00	.031-.078	0.8-2.0	1	2000
10517B	1.772	45.00	.031-.078	0.8-2.0	1	1000

FIBER, WIRE & CABLE
MANAGEMENT



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PUSH-FIT PLUGS

BP Series Barrel Plugs

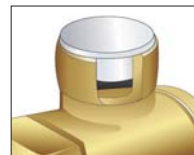
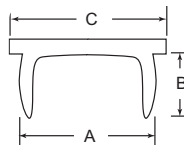


Specifications:

- Material: Low-Density Polyethylene
- Color: Natural

Features:

- General purpose plug for a wide range of applications
- Quick to fit and remove
- Convex sides to ensure secure fit
- BP1012A has a domed head and parallel shank



See pages 1023 and 1024 for Application Wizards.

Item No.	A		B		C		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm		
BP1000A	0.083	2.10	0.276	7.00	0.138	3.50	1	1000
BP1002A	0.102	2.60	0.157	4.00	0.472	12.00	1	1000
BP1004A	0.106	2.70	0.236	6.00	0.472	12.00	1	1000
BP1006A	0.130	3.30	0.236	6.00	0.472	12.00	1	1000
BP1008A	0.173	4.40	0.205	5.20	0.354	9.00	1	1000
BP1010A	0.181	4.60	0.197	5.00	0.276	7.00	1	1000
BP1012A	0.213	5.40	0.295	7.50	0.472	12.00	1	10000
BP1014A	0.248	6.30	0.157	4.00	0.378	9.60	1	1000
BP1018A	0.287	7.30	0.236	6.00	0.551	14.00	1	10000
BP1020A	0.331	8.40	0.236	6.00	0.551	14.00	1	10000
BP1022A	0.346	8.80	0.315	8.00	0.453	11.50	1	500
BP1024A	0.366	9.30	0.354	9.00	0.472	12.00	1	500
BP1026A	0.366	9.30	0.177	4.50	0.551	14.00	1	6000
BP1028A	0.366	9.30	0.268	6.80	0.630	16.00	1	6000
BP1030A	0.394	10.00	0.157	4.00	0.472	12.00	1	500
BP1032A	0.394	10.00	0.354	9.00	0.591	15.00	1	500
BP1034A	0.421	10.70	0.217	5.50	0.551	14.00	1	6000
BP1036A	0.421	10.70	0.354	9.00	0.583	14.80	1	500
BP1038A	0.445	11.30	0.217	5.50	0.567	14.40	1	1000
BP1040A	0.469	11.90	0.276	7.00	0.630	16.00	1	5000
BP1042A	0.484	12.30	0.276	7.00	0.630	16.00	1	5000
BP1044A	0.504	12.80	0.307	7.80	0.787	20.00	1	5000
BP1046A	0.539	13.70	0.276	7.00	0.736	18.70	1	1000
12787A	0.539	13.70	0.315	8.00	0.787	20.00	1	5000
BP1050A	0.551	14.00	0.276	7.00	0.736	18.70	1	1000
BP1052A	0.571	14.50	0.217	5.50	0.787	20.00	1	5000
BP1054A	0.575	14.60	0.374	9.50	0.728	18.50	1	500
BP1056A	0.591	15.00	0.276	7.00	0.736	18.70	1	1000
BP1058A	0.614	15.60	0.315	8.00	0.787	20.00	1	5000

Item No.	A		B		C		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm		
BP1060A	0.650	16.50	0.276	7.00	0.736	18.70	1	1000
12790A	0.669	17.00	0.323	8.20	0.866	22.00	1	5000
BP1064A	0.701	17.80	0.354	9.00	0.969	24.60	1	1000
BP1066A	0.724	18.40	0.315	8.00	0.984	25.00	1	5000
BP1068A	0.740	18.80	0.354	9.00	0.846	21.50	1	500
12792B	0.760	19.30	0.315	8.00	0.984	25.00	1	5000
BP1072A	0.768	19.50	0.354	9.00	0.969	24.60	1	1000
BP1074A	0.791	20.10	0.354	9.00	0.969	24.60	1	500
BP1076A	0.807	20.50	0.354	9.00	1.004	25.50	1	250
BP1078A	0.807	20.50	0.421	10.70	1.181	30.00	1	3000
BP1080A	0.827	21.00	0.512	13.00	1.024	26.00	1	250
BP1082A	0.835	21.20	0.295	7.50	0.984	25.00	1	5000
BP1084A	0.854	21.70	0.315	8.00	0.984	25.00	1	4000
BP1086A	0.882	22.40	0.354	9.00	1.102	28.00	1	4000
BP1088A	0.906	23.00	0.760	19.30	1.079	27.40	1	100
BP1090A	0.921	23.40	0.118	3.00	1.102	28.00	1	4000
BP1092A	0.945	24.00	0.504	12.80	1.063	27.00	1	100
BP1094A	0.969	24.60	0.354	9.00	1.102	28.00	1	3000
BP1096A	0.976	24.80	0.236	6.00	1.240	31.50	1	100
BP1098A	0.984	25.00	0.512	13.00	1.260	32.00	1	100
BP1100A	1.004	25.50	0.295	7.50	1.102	28.00	1	3000
BP1102A	1.043	26.50	0.354	9.00	1.102	28.00	1	4000
BP1104A	1.063	27.00	0.591	15.00	1.165	29.60	1	100
BP1106A	1.083	27.50	0.472	12.00	1.370	34.80	1	500
BP1108A	1.126	28.60	0.591	15.00	1.339	34.00	1	100
BP1110A	1.142	29.00	0.472	12.00	1.417	36.00	1	3000
BP1112A	1.201	30.50	0.472	12.00	1.417	36.00	1	2500
BP1114A	1.252	31.80	0.394	10.00	1.417	36.00	1	2000
BP1116A	1.283	32.60	0.472	12.00	1.370	34.80	1	500

Item No.	A		B		C		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm		
BP1118A	1.319	33.50	0.472	12.00	1.417	36.00	1	2000
BP1120A	1.319	33.50	0.472	12.00	1.614	41.00	1	100
BP1122A	1.370	34.80	0.591	15.00	1.654	42.00	1	2000
BP1124A	1.398	35.50	0.591	15.00	1.831	46.50	1	100
BP1126A	1.437	36.50	0.591	15.00	1.654	42.00	1	1500
BP1128A	1.480	37.60	0.472	12.00	1.591	40.40	1	500
BP1130A	1.512	38.40	0.591	15.00	1.654	42.00	1	2000
BP1132A	1.535	39.00	0.630	16.00	1.941	49.30	1	500
BP1134A	1.598	40.60	0.591	15.00	1.732	44.00	1	1000
BP1136A	1.665	42.30	0.591	15.00	1.890	48.00	1	1000
BP1138A	1.705	43.30	0.591	15.00	1.988	50.50	1	100
BP1140A	1.811	46.00	0.709	18.00	2.165	55.00	1	1500
BP1142A	1.988	50.50	0.551	14.00	2.244	57.00	1	100
BP1144A	2.028	51.50	0.709	18.00	2.165	55.00	1	1500
BP1146A	2.067	52.50	0.551	14.00	2.362	60.00	1	100
BP1148A	2.130	54.10	0.709	18.00	2.311	58.70	1	500
BP1150A	2.177	55.30	0.768	19.50	2.343	59.50	1	100
BP1152A	2.283	58.00	0.709	18.00	2.520	64.00	1	750
BP1154A	2.346	59.60	0.709	18.00	2.894	73.50	1	500
BP1156A	2.756	70.00	0.709	18.00	3.071	78.00	1	500
BP1158A	2.902	73.70	0.685	17.40	3.240	82.30	1	500
BP1160A	3.181	80.80	0.685	17.40	3.642	92.50	1	250
BP1162A	3.346	85.00	0.709	18.00	3.681	93.50	1	50
BP1164A	3.406	86.50	0.685	17.40	3.909	99.30	1	250
BP1166A	3.890	98.80	0.685	17.40	4.409	112.00	1	250
BP1168A	4.350	110.50	0.709	18.00	5.118	130.00	1	50
BP1170A	4.398	111.70	0.685	17.40	4.843	123.00	1	250

FT Series PVC & TPR Plugs

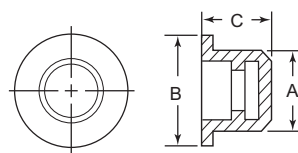


Specifications:

- Materials: PVC or Thermoplastic Rubber
- Color: Black

Features:

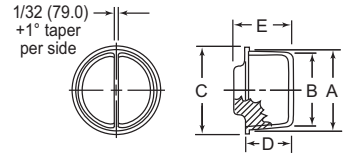
- Highly resistant to shredding
- Ideal for threaded applications
- Thermoplastic rubber is recommended for use wherever resistance to acid is required



Item No.	A		B		C		Pack Qty.	Bulk Pack Qty.		
	PVC	TPR	In	mm	In	mm		PVC	TPR	
10874A	18071B	0.125	3.20	0.276	7.00	0.354	9.00	1	10000	10000
12665A	12049B	0.197	5.00	0.433	11.00	0.471	11.99	1	10000	10000
12666A	12050B	0.236	5.99	0.472	11.99	0.471	11.99	1	10000	10000
12667A	12051B	0.275	6.99	0.511	12.98	0.471	11.99	1	10000	10000
12668A	12052B	0.315	8.00	0.551	14.00	0.471	11.99	1	10000	10000
12669A	12053B	0.354	8.99	0.580	14.99	0.471	11.99	1	10000	10000
12670A	12054B	0.393	9.98	0.629	15.98	0.471	11.99	1	10000	10000
12671A	12055B	0.433	11.00	0.669	16.99	0.471	11.99	1	10000	10000
12672A	12056B	0.472	11.99	0.787	19.99	0.471	11.99	1	8000	8000
12673A	12057B	0.511	12.98	0.826	20.98	0.551	14.00	1	8000	8000
12674A	12058B	0.551	14.00	0.866	22.00	0.551	14.00	1	7000	6000
12675A	12059B	0.580	14.99	0.905	22.99	0.571	14.50	1	5000	6000
12677A	12060B	0.630	16.00	0.945	24.00	0.551	14.00	1	6000	6000
12678A	FLP17A	0.669	17.00	1.063	27.00	0.531	13.50	1	5000	4000
12679A	12062B	0.709	18.01	1.102	27.99	0.551	14.00	1	4000	4000
12680A	12063B	0.748	19.00	1.142	29.01	0.551	14.00	1	2000	4000
12681A	12064B	0.787	19.99	1.181	30.00	0.551	14.00	1	2000	4000
12683A	12065B	0.827	21.01	1.220	30.99	0.551	14.00	1	2500	3000
12684A	FLP21A	0.879	22.33	1.260	32.00	0.551	14.00	1	3000	2500
12685A	12067B	0.906	23.01	1.299	32.99	0.630	16.00	1	1500	3000
12686A	12068B	0.945	24.00	1.339	34.01	0.630	16.00	1	2500	2500
12687A	12069B	0.984	24.99	1.378	35.00	0.630	16.00	1	2000	2000
12688A	12070B	1.024	26.01	1.417	35.99	0.630	16.00	1	2000	2000
12689A	12071B	1.063	27.00	1.457	37.01	0.630	16.00	1	2000	2000
12690A	12072B	1.102	27.99	1.496	38.00	0.630	16.00	1	2000	2000
12691A	12073B	1.142	29.01	1.535	38.99	0.630	16.00	1	1300	1300
12692A	FLP30A	1.190	30.23	1.400	35.56	0.630	16.00	1	1000	



**CP Series
Center Pull Tab Plugs**



Specifications:

- Material: Low-Density Polyethylene
- Color: Orange

Features:

- The integral center pull tab feature is designed for quick and easy removal
- The tapered design allows the part to plug multiple inner diameters

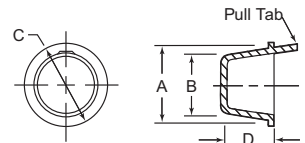
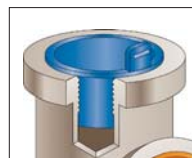
To Assure Proper Fit:



Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020"

Item No.	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm	In	mm	In	mm		
CP4A	0.269	6.83	0.209	5.31	0.380	9.65	0.340	8.64	0.590	14.99	1	5000
CP5A	0.303	7.69	0.239	6.07	0.469	11.91	0.370	9.39	0.630	16.00	1	5000
CP6A	0.335	8.51	0.267	6.78	0.469	11.91	0.406	10.32	0.625	15.88	1	5000
CP7A	0.370	9.40	0.302	7.67	0.531	13.49	0.375	9.53	0.750	19.05	1	5000
CP8A	0.396	10.06	0.330	8.38	0.530	13.46	0.410	10.41	0.790	20.07	1	5000
CP9A	0.428	10.87	0.362	9.19	0.594	15.08	0.375	9.53	0.750	19.05	1	7000
CP10A	0.463	11.76	0.402	10.21	0.625	15.88	0.375	9.53	0.750	19.05	1	6000
CP11A	0.486	12.34	0.422	10.72	0.625	15.88	0.406	10.32	0.781	19.84	1	5500
CP12A	0.512	13.00	0.448	11.38	0.656	16.67	0.406	10.32	0.563	14.29	1	5000
CP13A	0.548	13.92	0.471	11.96	0.690	17.53	0.470	11.94	0.850	21.59	1	5000
CP14A	0.568	14.43	0.500	12.70	0.719	18.26	0.469	11.91	0.813	20.64	1	7500
CP15B	0.608	15.44	0.532	13.51	0.750	19.05	0.470	11.94	0.780	19.81	1	6000
CP16A	0.633	16.08	0.551	14.00	0.780	19.81	0.500	12.70	0.750	19.05	1	5000
CP18A	0.668	16.97	0.580	14.73	0.813	20.64	0.531	13.49	0.750	19.05	1	5500
CP19A	0.695	17.65	0.610	15.49	0.840	21.34	0.530	13.46	0.780	19.81	1	5000
CP23A	0.787	19.99	0.691	17.55	0.938	23.81	0.594	15.08	0.750	19.05	1	3500
CP24A	0.825	20.96	0.727	18.47	1.000	25.40	0.590	14.99	0.840	21.34	1	5000
CP29A	0.933	23.70	0.819	20.80	1.125	28.58	0.750	19.05	1.000	25.40	1	4000
CP31A	0.973	24.71	0.869	22.07	1.120	28.45	0.750	19.05	1.000	25.40	1	4000
CP35A	1.074	27.28	0.935	23.75	1.156	29.37	0.750	19.05	0.938	23.81	1	3500
CP37A	1.092	27.74	0.967	24.56	1.250	31.75	0.780	19.81	1.030	26.16	1	2500
CP40A	1.146	29.11	1.026	26.06	1.340	34.04	0.750	19.05	1.000	25.40	1	2500
CP42A	1.219	30.96	1.093	27.76	1.410	35.81	0.780	19.81	1.000	25.40	1	2500
CP44A	1.286	32.66	1.150	29.21	1.550	39.37	0.750	19.05	1.000	25.40	1	2000
CP46A	1.360	34.54	1.235	31.37	1.530	38.86	0.750	19.05	1.000	25.40	1	2000
CP47A	1.356	33.22	1.292	32.82	1.500	38.10	0.781	19.84	1.000	25.40	1	1800
CP49A	1.465	37.21	1.312	33.32	1.620	41.15	0.750	19.05	1.000	25.40	1	1800
CP51A	1.527	38.79	1.344	34.14	1.750	44.45	0.880	22.35	1.000	25.40	1	1500
CP55A	1.601	40.67	1.451	36.86	1.750	44.45	0.750	19.05	1.000	25.40	1	1500
CP56A	1.735	44.07	1.615	41.02	1.906	48.42	0.719	18.26	1.125	28.58	1	1000
CP59A	1.835	46.61	1.820	46.23	2.031	51.59	0.500	12.70	0.750	19.05	1	1500
CP57A	1.938	49.23	1.807	45.90	2.160	54.86	1.000	25.40	1.250	31.75	1	1000
CP61A	2.243	56.97	2.067	52.50	2.440	61.98	1.030	26.16	1.250	31.75	1	1000
CP63A	2.270	57.66	2.230	56.64	2.530	64.26	0.500	12.70	0.750	19.05	1	1000
CP65A	2.464	62.59	2.300	58.42	2.660	67.56	1.000	25.40	1.250	31.75	1	500
CP71A	3.452	87.68	3.320	84.33	3.620	91.95	0.750	19.05	1.000	25.40	1	200

**P Series
Side Pull Tab Plugs**



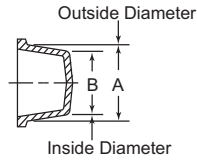
Specifications:

- Material: Low-Density Polyethylene
- Color: Blue

Features:

- The integral side pull tab feature is designed for easy removal in awkward locations
- The tapered design allows the part to plug multiple inner diameters

Item No.	A		B		C		D		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm	In	mm		
P7A	0.365	9.27	0.300	7.62	0.531	13.49	0.375	9.53	1	5000
P8A	0.398	10.11	0.330	8.38	0.563	14.30	0.375	9.53	1	5000
P11A	0.485	12.32	0.420	10.67	0.594	15.08	0.375	9.53	1	5000
P13A	0.548	13.92	0.471	11.96	0.690	17.53	0.470	11.94	1	5000
P16A	0.623	15.82	0.531	13.49	0.750	19.05	0.500	12.70	1	7000
P17A	0.634	16.10	0.550	13.97	0.781	19.84	0.500	12.70	1	7000
P18A	0.668	16.97	0.580	14.73	0.810	20.57	0.530	13.46	1	5000
P20A	0.729	18.52	0.640	16.26	0.880	22.35	0.500	12.70	1	5000
P23A	0.785	19.74	0.690	17.53	0.937	23.81	0.500	12.70	1	5000
P24A	0.805	20.44	0.717	18.21	0.937	23.81	0.625	15.88	1	5000
P26A	0.912	23.16	0.802	20.37	1.060	26.92	0.650	16.51	1	5000
P27A	0.933	23.70	0.815	20.70	1.120	28.45	0.620	15.75	1	5000
P31A	0.975	24.77	0.870	22.10	1.125	28.58	0.625	15.88	1	2500
P33A	1.040	26.42	0.915	23.24	1.160	29.46	0.720	18.29	1	5000
P40A	1.090	27.69	0.964	24.49	1.250	31.75	0.780	19.81	1	3000
P41A	1.145	29.08	0.995	25.27	1.310	33.27	0.780	19.81	1	2500
P42A	1.230	31.24	1.110	28.19	1.516	38.50	0.750	19.05	1	2500
P44A	1.275	32.39	1.165	29.59	1.405	35.69	0.750	19.05	1	2500
P46A	1.360	34.54	1.233	31.32	1.500	38.10	0.840	21.34	1	2500
P53A	1.600	40.64	1.450	36.83	1.750	44.45	0.750	19.05	1	2000
P55A	1.682	42.74	1.560	39.62	1.875	47.63	0.750	19.05	1	1500
P57A	1.750	44.45	1.633	41.48	1.940	49.28	0.750	19.05	1	1000
P59A	1.725	46.36	1.800	45.72	2.031	51.59	0.500	12.70	1	2000
P61A	1.950	49.53	1.780	45.21	2.120	53.85	1.000	25.40	1	1000
P63A	2.000	50.80	1.844	46.84	2.120	53.85	1.000	25.40	1	1000
P65A	2.083	52.91	1.920	48.77	2.250	57.15	1.000	25.40	1	1000
P68A	2.261	57.43	2.231	56.67	2.500	63.50	0.500	12.70	1	1000

**DMVP Series
Vinyl Tapered Plugs****To Assure Proper Fit:****Plugs**Plug dimension "A" should be approx. 1% larger than the inner diameter of the part.
Minimum of .020"**Specifications:**

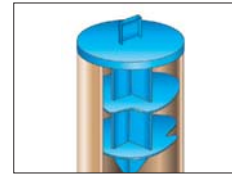
- Material: PVC
- Color: Black
- Temperature Range: Up to 350°F (177°C)

Features:

- The flexibility of the material allows these plugs to fit into smaller dimensions for a snug fit
- The tapered design allows the part to plug multiple inner diameters

Use as a Plug

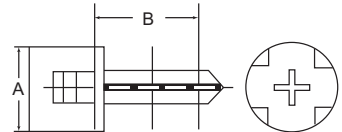
Item No.	A		B		Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm		
DMVP0285A	0.290	7.20	0.180	4.40	1	5000
DMVP0360A	0.360	9.10	0.250	6.40	1	5000
DMVP0405A	0.410	10.30	0.300	7.50	1	5000
DMVP0465A	0.470	11.80	0.360	9.00	1	5000
DMVP0530A	0.530	13.50	0.420	10.70	1	5000
DMVP0605A	0.610	15.40	0.500	12.60	1	5000
DMVP0750A	0.750	19.10	0.640	16.30	1	2000
DMVP0850A	0.850	21.60	0.740	18.80	1	2500
DMVP1015A	1.020	25.80	0.910	23.00	1	2500
DMVP1190A	1.190	30.20	1.060	27.40	1	2000

**MFP Series
Type L & M Copper/Aluminum Tubing Fined Plugs****Specifications:**

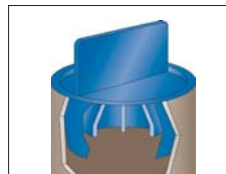
- Material: Low-Density Polyethylene
- Color: Blue

Features:

- Prevent ingress of dirt into tubing
- Quick to fit and remove
- Small unobtrusive pull-tab
- Ideal for use in thin-walled type L and M copper or aluminum tubing



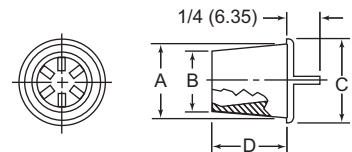
Item No.	Tube Size O.D.	A		B		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm		
MFP10A	3/8"	0.375	9.53	0.375	9.53	1	5000
MFP20A	1/2"	0.500	12.70	0.500	12.70	1	5000
MFP30A	5/8"	0.625	15.88	0.625	15.88	1	5000
MFP40A	3/4"	0.750	19.05	0.750	19.05	1	2500
MFP50A	7/8"	0.875	22.23	0.875	22.23	1	2500
MFP60A	1-1/8"	1.125	28.58	1.125	28.58	1	1500

**C Series
Type L & M Copper/Aluminum Tubing Plugs****Specifications:**

- Material: Low-Density Polyethylene
- Color: Blue

Features:

- Tapered design ensures a tight fit
- Internal lateral reinforcement ribs protect the tubing's concentricity
- Protects small diameter tubing against dents, dirt and moisture
- Ideal for use in thin-walled type L and M copper or aluminum tubing



Item No.	Tube Size O.D.	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
C1/4A	1/4"	0.192	4.88	0.160	4.06	0.250	6.35	0.375	9.53	1	5000
C3/8A	3/8"	0.325	8.26	0.300	7.62	0.375	9.53	0.375	9.53	1	5000
C1/2A	1/2"	0.446	11.33	0.421	10.69	0.500	12.70	0.375	9.53	1	4250
C5/8A	5/8"	0.558	14.17	0.540	13.72	0.625	15.88	0.500	12.70	1	7500
C3/4A	3/4"	0.700	17.78	0.660	16.76	0.750	19.05	0.625	15.88	1	4000



TP & SP Series Packaging Tube Plugs

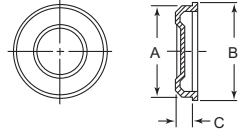


Specifications:

- Materials: Low-Density Polyethylene
- Color: White

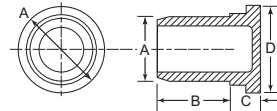
Features:

- Designed for tube containers used in shipping, packaging and mail delivery
- Fits securely in the tube end
- SP Series has the easy finger grip construction for convenient fast removal

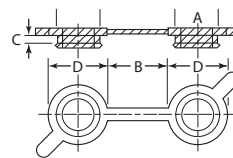


Item No.	Tube I.D. In	A In	B In	C In	Pack Qty.	Bulk Pack Qty.
TP1-1/2A	1.500	1.520	1.620	0.450	1	4000
SP1-1/2B	1.500	1.510	1.620	0.405	1	3500
TP2A	2.000	2.030	2.120	0.450	1	2300
SP2D	2.000	2.020	2.120	0.405	1	2100
TP2-1/8A	2.125	2.150	2.250	0.450	1	2000
TP2-1/4A	2.250	2.280	2.370	0.450	1	1800
TP2-1/2A	2.500	2.530	2.630	0.450	1	1400
SP2-1/2C	2.500	2.520	2.630	0.405	1	1500
TP2-3/4A	2.750	2.780	2.880	0.450	1	1250
TP3A	3.000	3.030	3.160	0.450	1	1000
SP3E	3.000	3.020	3.160	0.405	1	1000
TP3-1/4A	3.250	3.280	3.410	0.450	1	800
TP3-1/2A	3.500	3.530	3.660	0.450	1	700
SP3-1/2A	3.500	3.530	3.660	0.450	1	200
TP3-29/32A	3.900	3.940	4.060	0.450	1	600
TP4A	4.000	4.060	4.170	0.450	1	600
SP4A	4.000	4.030	4.160	0.450	1	150
TP4-3/4A	4.750	4.790	4.930	0.450	1	350
SP5A	5.000	5.040	5.170	0.450	1	100
SP6A	6.000	6.040	6.170	0.450	1	50
SP7A	7.000	7.040	7.170	0.450	1	50
SP8A	8.000	8.040	8.170	0.450	1	20
SP10A	10.000	10.040	10.170	0.450	1	10
SP12A	12.000	12.040	12.170	0.450	1	10

BUP Series Banjo Union Plugs



Type 1



Type 2

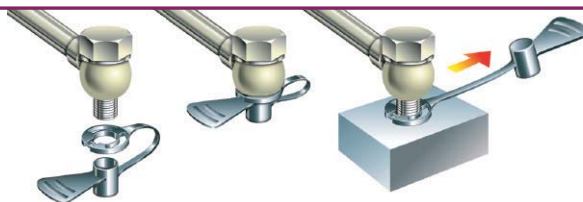
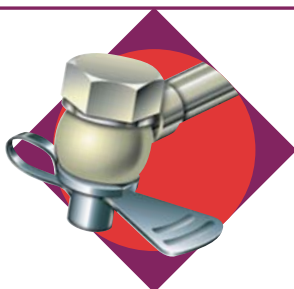
Specifications:

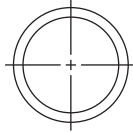
- Material: Low-Density Polyethylene
- Color: Natural

Features:

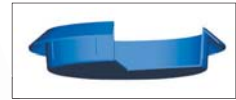
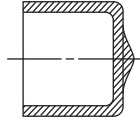
- Prevents damage, dirt, moisture and corrosion during storage and shipping
- Fit banjo unions DIN 7642 B/E

Item No.	Banjo Union	Type	A		B		C		D		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm	In	mm		
BUP105A	12	1	0.484	12.3	0.709	18	0.256	6.5	0.744	18.9	1	5000
BUP110A	14	1	0.563	14.3	0.787	20	0.256	6.5	0.780	19.8	1	5000
BUP205A	10	2	0.417	10.6	0.630	16	0.079	2	0.551	14	1	10000
BUP210A	12	2	0.472	12	0.787	20	0.177	4.5	0.748	19	1	5000



**BW & DM Series**
Butt-Weld Caps & Plugs**ALLIANCE**

Type: Cap



Type: Plug



Features:

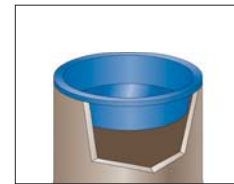
- Provides maximum protection for butt-weld ends on valves, pumps and heat exchangers
- Will not crack or chip and eliminates the need for plywood, masonite and fasteners
- Saves in labor assembly costs
- BW Plug – The special reverse angle matches the butt-weld angle and completely covers or protects the end during shipping and storage

Specifications:

- Refer to Chart below

Item No.	Nominal Pipe Size (in)	Type	Material	Color	Pack Qty.	Bulk Pack Qty.
DM0843-1/2A	1/2	Cap	PVC	Black	1	5000
DM1000-1/2A	3/4	Cap	PVC	Black	1	2500
DM1312-1/2A	1	Cap	PVC	Black	1	2000
DM1625-1/2A	1-1/4	Cap	PVC	Black	1	500
DM1875-1/2A	1-1/2	Cap	PVC	Black	1	700
BW2A	2	Plug	Polyethylene	Blue	1	1000
DM2375-1/2A	2	Cap	PVC	Black	1	500
BW2-1/2A	2-1/2	Plug	Polyethylene	Blue	1	600

Item No.	Nominal Pipe Size (in)	Type	Material	Color	Pack Qty.	Bulk Pack Qty.
DM2875-1/2A	2-1/2	Cap	PVC	Black	1	500
BW3A	3	Plug	Polyethylene	Blue	1	400
DM3500-1/2A	3	Cap	PVC	Black	1	200
DM4000-1/2A	3-1/2	Cap	PVC	Black	1	200
BW4A	4	Plug	Polyethylene	Blue	1	250
DM4500-1/2A	4	Cap	PVC	Black	1	200
DM5500-1/2A	5	Cap	PVC	Black	1	100
DM6500-1/2A	6	Cap	PVC	Black	1	100

V Series
Socket-Weld Fitting Plugs**ALLIANCE**

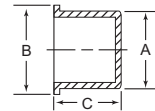
Specifications:

- Material: Polyethylene
- Color: Blue

Features:

- Designed to provide maximum protection for close fit socket weld applications
- Straight wall on the plugs O.D. provides a secure and friction fit with the mating parts I.D.

Item No.	Socket Weld Size	A In	B In	C In	Pack Qty.	Bulk Pack Qty.
V23A	1/2" Socket Weld	0.875	1.000	0.355	1	5000
V31A	3/4" Socket Weld	1.085	1.200	0.430	1	3000
V42A	1" Socket Weld	1.350	1.475	0.430	1	4000
V53A	1-1/4" Socket Weld	1.695	1.801	0.430	1	2500
V57A	1-1/2" Socket Weld	1.935	2.060	0.430	1	2000
V68A	2" Socket Weld	2.426	2.550	0.555	1	1000

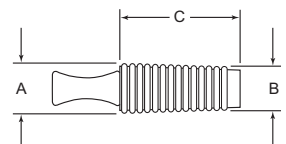
**SFP Series**
Flangeless Tapered Plugs

Specifications:

- Black Thermoplastic Rubber

Features:

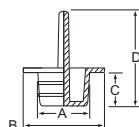
- Protects threaded or unthreaded holes without masking the surrounding areas
- Ergonomically-friendly pull tab allows for easy installation and removal



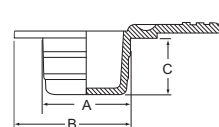
Item No.	Plug Threads UN	M	A		B		C		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm		
10398B	#6 & #8	M3	0.196	5	0.118	3	0.59	15	1	10000
18409B	#10 & #12	M4	0.236	6	0.157	4	1	25.4	1	6000
18410B	1/4 & 5/16	M6	0.315	8	0.236	6	1	25.4	1	6000
18411B	3/8	M8	0.394	10	0.315	8	1	25.4	1	4000
18412B	7/16	M10	0.472	12	0.394	10	1	25.4	1	4000
18414B	5/8	M14	0.63	16	0.551	14	1	25.4	1	4000
18415B	11/16	M16	0.709	18	0.63	16	1	25.4	1	2000



**MPP Series
Flexible Pull Plugs**



Type 1 – Center Pull



Type 2 – Side Pull

Specifications:

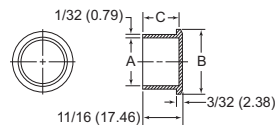
- Material: Thermoplastic Rubber
- Color: Black
- Temperature Range: -40°F to 275°F (-40°C to 135°C)

Features:

- The integral pull tab feature is designed for easy removal in awkward locations
- Protects threaded or plain components
- Recommended for use wherever resistance to acid is required

Item No.	To Fit		Type	A		B		C		D		Pack Qty.	Bulk Pack Qty.
	Standard Thread	Metric Thread		In	mm	In	mm	In	mm	In	mm		
MPP3A	1/4"	M6	2	0.216	5.5	0.610	15.5	0.315	8.0	0.913	23.20	1	500
MPP4A	5/16"	M8	1	0.295	7.5	0.610	15.5	0.315	8.0	0.944	24.00	1	500
MPP5A	5/16"	M8	2	0.295	7.5	0.591	15.0	0.315	8.0	0.994	25.25	1	7000
MPP10A	3/8"	M10	1	0.374	9.5	0.689	17.5	0.315	8.0	1.181	30.00	1	8000
MPP15A	3/8"	M10	2	0.374	9.5	0.669	17.0	0.315	8.0	1.073	27.25	1	7000
MPP20A	1/2"	M12	1	0.453	11.5	0.768	19.5	0.394	10.0	1.181	30.00	1	7000
MPP25A	1/2"	M12	2	0.453	11.5	0.669	17.0	0.315	8.0	1.112	28.24	1	7000
MPP30A	9/16"	M14	1	0.501	12.8	0.846	21.5	0.394	10.0	1.181	30.00	1	6000
MPP35A	9/16"	M14	2	0.512	13.0	0.827	21.0	0.394	10.0	1.220	30.99	1	6000
MPP40A	5/8"	M16	1	0.598	15.2	0.925	23.5	0.394	10.0	1.260	32.00	1	4000
MPP45A	5/8"	M16	2	0.610	15.5	0.906	23.0	0.394	10.0	1.309	33.25	1	4000
MPP50A	11/16"	M18	2	0.669	17.0	1.024	26.0	0.394	10.0	1.398	35.51	1	4000
MPP55A	3/4"	M18	1	0.693	17.6	1.004	25.5	0.394	10.0	1.024	26.00	1	500
MPP60A	13/16"	M20	1	0.764	19.4	1.083	27.5	0.472	12.0	1.024	26.00	1	500
MPP65A	13/16"	M20	2	0.764	19.4	1.083	27.5	0.472	12.0	1.461	37.10	1	500
MPP70A	7/8"	M22	1	0.843	21.4	1.161	29.5	0.472	12.0	1.024	26.00	1	250
MPP75A	7/8"	M22	2	0.843	21.4	1.161	29.5	0.472	12.0	1.551	39.40	1	250
MPP80A	1"	M24	1	0.925	23.5	1.122	28.5	0.472	12.0	1.024	26.00	1	250
MPP85A	1"	M24	2	0.925	23.5	1.122	28.5	0.472	12.0	1.606	40.80	1	250

**H Series
Flanged Connector Plugs**



ALLIANCE

Specifications:

- Material: Low-Density Polyethylene
- Color: Yellow

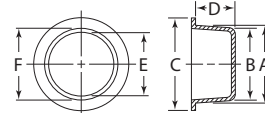
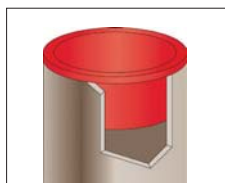
Features:

- Designed for easy assembly and removal either with automated equipment or by hand
- Typically used to protect connectors with standard threads

Item No.	To Plug Standard Thread	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
H1/2A	1/2"-28	0.485	12.32	0.625	15.88	0.625	15.88	1	7000
H5/8A	5/8"-24	0.601	15.27	0.750	19.05	0.625	15.88	1	5000
H3/4A	3/4"-20	0.721	18.31	0.860	21.84	0.625	15.88	1	4000
H7/8A	7/8"-20	0.850	21.59	1.000	25.40	0.625	15.88	1	2500
H1A	1"-20	0.968	24.59	1.125	28.58	0.625	15.88	1	2000

Item No.	To Plug Standard Thread	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
H1-1/8A	1-1/8"-18	1.097	27.86	1.250	31.75	0.625	15.88	1	1500
H1-1/4A	1-1/4"-18	1.228	31.19	1.406	35.72	0.625	15.88	1	1500
H1-3/8A	1-3/8"-18	1.345	34.16	1.500	38.10	0.625	15.88	1	2000
H1-1/2A	1-1/2"-18	1.468	37.29	1.656	42.07	0.625	15.88	1	2000
H1-3/4A	1-3/4"-18	1.732	43.99	1.906	48.42	0.625	15.88	1	1500

**NPT Series
Plugs for NPT Threads**



ALLIANCE

Specifications:

- Material: Low-Density Polyethylene
- Colors: Refer to Chart

Features:

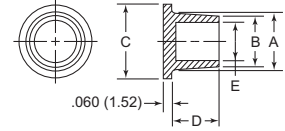
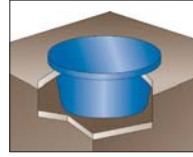
- Designed specifically to be used to plug NPT tapered threaded fittings
- The tapered design allows the part to plug multiple inner diameters

To Assure Proper Fit:



Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020"

Item No.	A		B		C		D		E		F		Color	Pack Qty.	Bulk Pack Qty.
	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			
NPT3/8A	0.615	15.62	0.570	14.48	0.750	19.05	0.285	7.24	0.497	12.62	0.535	13.59	Yellow	1	5000
NPT3/4A	0.955	24.26	0.922	23.42	1.125	28.58	0.363	9.22	0.849	21.56	0.872	22.15	Red	1	5500
NPT1-1/4A	1.560	39.62	1.510	38.35	1.750	44.45	0.435	11.05	1.401	35.59	1.481	37.62	Red	1	2000
NPT2A	2.275	57.79	2.225	56.52	2.437	61.90	0.495	12.57	2.092	53.14	2.194	55.73	Blue	1	2500
NPT2-1/2A	2.725	69.22	2.680	68.07	2.875	73.03	0.480	12.19	2.512	63.80	2.628	66.75	Black	1	600
NPT3A	3.325	84.46	3.285	83.44	3.500	88.90	0.470	11.94	3.154	80.11	3.220	81.79	Blue	1	400
NPT3-1/2A	3.785	96.14	3.775	95.89	4.062	103.17	0.750	19.05	3.665	93.09	3.675	93.35	Black	1	550
NPT4A	4.315	109.61	4.295	109.09	4.687	119.05	0.790	20.07	4.077	103.56	4.115	104.52	Blue	1	500
NPT5A	5.360	136.14	5.350	135.89	5.750	146.05	0.850	21.59	5.205	132.21	5.215	132.46	Blue	1	275
NPT6A	6.425	163.20	6.390	162.31	6.750	171.45	0.895	22.73	6.252	158.80	6.272	159.31	Blue	1	180

**EN Series**
Plugs for NPT Threads**ALLIANCE**

Specifications:

- Material: Low-Density Polyethylene
- Color: Blue

Features:

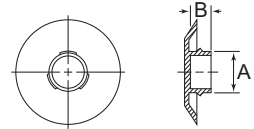
- Designed specifically to be used to plug NPT tapered threaded fittings
- The tapered design allows the part to plug multiple inner diameters

To Assure Proper Fit:

Plug dimension "A" should be approx. 1% larger than the inner diameter of the part. Minimum of .020"

Use as a Plug

Item No.	NPT Size I.D.	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm	In	mm		
EN1/4A	1/4"	0.485	12.32	0.420	10.67	0.609	15.48	0.281	7.14	0.355	9.02	1	5000
EN3/8A	3/8"	0.640	16.26	0.550	13.97	0.766	19.45	0.500	12.70	0.500	12.70	1	6500
EN1/2A	1/2"	0.785	19.94	0.690	17.53	0.906	23.02	0.500	12.70	0.625	15.88	1	4000
EN3/4A	3/4"	0.975	24.77	0.870	22.10	1.094	27.78	0.625	15.88	0.812	20.63	1	2500
EN1A	1"	1.200	30.48	1.090	27.69	1.344	34.13	0.656	16.67	1.301	26.19	1	1500

I Series
Push In Plugs for SAE/NPT Threads**ALLIANCE**

Specifications:

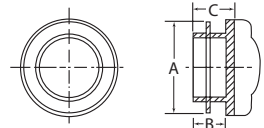
- Material: Low-Density Polyethylene
- Color: Yellow

Features:

- Provides all the advantages of a threaded plug with the ease of a push in style
- Snaps into place providing an attractive finish while keeping contaminants away from the fittings

Item No.	To Fit		A		B		Pack Qty.	Bulk Pack Qty.
	SAE Thread	NPT Thread	In	mm	In	mm		
I1/4A	1/4"	—	0.206	5.23	0.220	5.59	1	5000
I5/16A	5/16"	—	0.262	6.65	0.235	5.97	1	5000
I3/8A	3/8"	1/8"	0.324	8.23	0.235	5.97	1	3000
PP3/8A	3/8"	1/8"	0.310	7.87	0.340	8.64	1	5000
I7/16A	7/16"	—	0.380	9.65	0.270	6.86	1	3000
I1/2A	1/2"	1/4"	0.437	11.10	0.270	6.86	1	5000
I9/16A	9/16"	—	0.495	12.57	0.290	7.37	1	5000
PP9/16A	9/16"	—	0.480	12.19	0.360	9.14	1	5000
I5/8A	5/8"	3/8"	0.558	14.17	0.290	7.37	1	7500
I11/16A	11/16"	—	0.610	15.49	0.290	7.37	1	7000
I3/4A	3/4"	—	0.676	17.17	0.290	7.37	1	6000
I13/16A	13/16"	1/2"	0.732	18.59	0.290	7.37	1	5000

Item No.	To Fit		A		B		Pack Qty.	Bulk Pack Qty.
	SAE Thread	NPT Thread	In	mm	In	mm		
I7/8A	7/8"	—	0.798	20.27	0.295	7.49	1	4500
I1A	1"	3/4"	0.922	23.42	0.290	7.37	1	3500
I1-1/16A	1-1/16"	—	0.972	24.69	0.290	7.37	1	3000
I1-3/16A	1-3/16"	—	1.090	27.69	0.340	8.64	1	2000
I1-1/4A	1-1/4"	—	1.160	29.46	0.340	8.64	1	2000
I1-5/16A	1-5/16"	1"	1.215	30.86	0.340	8.64	1	2000
I1-7/16A	1-7/16"	—	1.360	34.54	0.460	11.68	1	1200
I1-1/2A	1-1/2"	—	1.405	35.69	0.460	11.68	1	1100
I1-5/8A	1-5/8"	—	1.525	38.74	0.460	11.68	1	1000
I1-3/4A	1-3/4"	—	1.650	41.91	0.460	11.68	1	800
I1-7/8A	1-7/8"	—	1.775	45.09	0.460	11.68	1	800

SF Series
Snap Fit Plugs for Standard/JIC/Metric/BSP Threads

Specifications:

- Material: Low-Density Polyethylene
- Color: Red

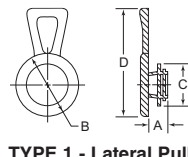
Features:

- Once pushed into position, a single turn gives a tight fit
- Each plug covers a range of different thread sizes and styles
- The 12598A has pull tab not as illustrated

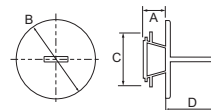
Item No.	To Fit Thread Sizes			A		B		C		Pack Qty.	Bulk Pack Qty.
	Standard/JIC	Metric	BSP	In	mm	In	mm	In	mm		
10530A	7/16"	M10	1/8"	0.386	9.80	0.157	4.00	0.236	6.00	1	12000
12363A	1/2"	M12, M13, M14	1/4"	0.516	13.10	0.197	5.00	0.276	7.00	1	10000
12364A	5/8"	M16	3/8"	0.650	16.50	0.197	5.00	0.276	7.00	1	10000
10314B	3/4"	M18	1/2"	0.720	18.30	0.276	7.00	0.354	9.00	1	7000
12365A	—	M20	1/2"	0.839	21.30	0.276	7.00	0.354	9.00	1	5000
12366A	7/8"	M22	5/8"	0.882	22.40	0.276	7.00	0.354	9.00	1	5000
12621A	—	M24	—	0.925	23.50	0.276	7.00	0.354	9.00	1	3000
12367A	11/16"	M25, M26	3/4"	1.004	25.50	0.276	7.00	0.354	9.00	1	2000
12368A	1-1/8"	M28	7/8"	1.098	27.90	0.276	7.00	0.354	9.00	1	3000
12369A	1-5/16"	M32	1"	1.260	32.00	0.276	7.00	0.354	9.00	1	2500
12622A	1-1/2", 1-3/8"	M36	1-1/8"	1.406	35.70	0.276	7.00	0.354	9.00	1	2000
12598A	1-5/8"	M40, M42	1-1/4"	1.634	41.50	0.276	7.00	0.354	9.00	1	2000



EZP Series
Quick Fit Easy Pull Plugs for Unified Standard/ Metric Threads



TYPE 1 - Lateral Pull



TYPE 2 - Central Pull

Specifications:

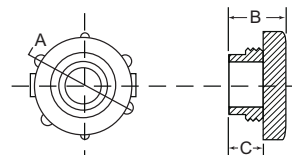
- Material: Low-Density Polyethylene
- Color: Red

Features:

- Patented "Quick Fit" design easily locks the plug into place with a simple push
- Strong & flexible pull-tab for quick removal
- Seven sizes in 2 styles protect more than 25 popular threaded sizes.

Item No.	To Fit		Type	A		B		C		D		Pack Qty.	Bulk Pack Qty.
	Standard Thread	Metric Thread		In	mm	In	mm	In	mm	In	mm		
EZP1010A	5/16", 3/8"	M8	1	0.300	7.62	0.515	13.08	0.375	9.53	1.195	30.35	1	10000
EZP1020C	7/16"	M10, M12	1	0.300	7.62	0.748	19.05	0.520	13.20	1.340	34.04	1	5000
EZP2020A	7/16"	M10, M12	2	0.354	9.00	0.748	19.00	0.519	13.20	0.834	21.20	1	500
EZP1030A	1/2", 5/8", 9/16"	M14, M16	1	0.275	7.00	0.893	22.70	0.649	16.50	1.574	40.00	1	5000
EZP2030A	1/2", 5/8", 9/16"	M14, M16	2	0.275	7.00	0.893	22.70	0.649	16.50	0.834	21.20	1	500
EZP1040A	3/4"	M18, M20	1	0.314	8.00	1.181	30.00	0.767	19.50	1.850	47.00	1	4000
EZP2040A	3/4"	M18, M20	2	0.314	8.00	1.181	30.00	0.767	19.50	0.842	21.40	1	250
EZP1050A	7/8"	M22, M24	1	0.374	9.50	1.350	34.30	0.937	23.80	2.023	51.40	1	3000
EZP2050A	7/8"	M22, M24	2	0.374	9.50	1.350	34.30	0.937	23.80	0.842	21.40	1	250
EZP1060A	1-1/16", 1-1/8"	M26, M28	1	0.374	9.50	1.574	40.00	1.086	27.60	2.244	57.00	1	2000
EZP2060A	1-1/16", 1-1/8"	M26, M28	2	0.374	9.50	1.574	40.00	1.086	27.60	0.846	21.50	1	100
EZP1070A	1-1/4", 1-3/8"	M30, M36	1	0.393	10.00	1.771	45.00	1.358	34.50	2.440	62.00	1	1500

QFP Series
Quick Fit Plugs for UNF/JIC/Metric Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Red

Features:

- Fewer thread forms allow for quick application

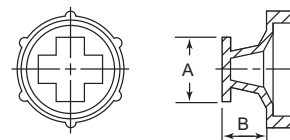
UNF/JIC

Item No.	To Fit UNF/JIC Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
QFP005A	7/16" x 20	0.728	18.50	0.354	9.00	0.232	5.90	1	5000
QFP010A	1/2" x 20	0.811	20.60	0.358	9.10	0.232	5.90	1	5000
QFP015A	9/16" x 18	0.843	21.40	0.354	9.00	0.232	5.90	1	5000
QFP020A	3/4" x 16	1.051	26.70	0.366	9.30	0.232	5.90	1	3000
QFP025A	7/8" x 14	1.173	29.80	0.362	9.20	0.244	6.20	1	2500
QFP030A	1 1/16" x 12	1.335	33.90	0.354	9.00	0.232	5.90	1	2000
QFP035A	1 5/16" x 12	1.587	40.30	0.37	9.40	0.236	6.00	1	1500

Metric

Item No.	To Fit UNF/JIC Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
QFP105A	M14 x 1.5	0.846	21.50	0.492	12.50	0.315	8.00	1	5000
QFP110A	M16 x 1.5	0.929	23.60	0.492	12.50	0.315	8.00	1	3000
QFP115A	M20 x 1.5	1.157	29.38	0.512	13.00	0.315	8.00	1	3000
QFP120A	M30 x 2.0	1.556	39.52	0.575	14.60	0.386	9.80	1	1500
QFP125A	M36 x 2.0	1.795	45.60	0.649	16.48	0.413	10.50	1	1000
QFP130A	M42 x 2.0	2.133	54.17	0.854	21.69	0.61	15.50	1	700
QFP135A	M45 x 2.0	2.232	56.69	0.728	18.50	0.500	12.70	1	700
QFP140A	M52 x 2.0	2.594	65.90	0.839	21.30	0.606	15.40	1	500

UN Series
Quick Fit Plugs for Standard/JIC/Metric/BSP Threads



Specifications:

- Material: Low-Density Polyethylene
- Color: Red

Features:

- This uniquely-designed range of plugs have sets of blades which will lock tight when pushed into a threaded hole and twisted
- Each plug covers a range of different thread sizes and styles
- Easily removes by simply unscrewing the plug from the thread

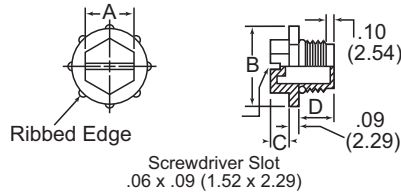
Item No.	To Fit Thread Sizes				A		B		Pack Qty.	Bulk Pack Qty.
	NPT	Standard/JIC	Metric	BSP	In	mm	In	mm		
UN9995A	—	—	—	—	0.420	10.66	0.233	5.91	1	10000
UN9996A	1/8"	7/16"	M10	1/8"	0.438	11.12	0.240	6.09	1	10000
UN9997A	1/4"	9/16"	M14	—	0.575	14.60	0.285	7.23	1	10000
UN9998A	—	1/2"	M12	1/4"	0.485	12.31	0.325	8.25	1	10000
UN9763A	—	3/4"	M16-20	3/8"	0.780	19.81	0.375	9.52	1	5000
UN9764A	—	1"	M20-24	1/2"-5/8"	0.990	25.14	0.445	11.30	1	2500
UN9774A	3/4"	1-3/16"	M30	3/4"-7/8"	1.240	31.49	0.435	11.04	1	2000
UN9765A	—	1-7/16"	M33-36	1"	1.475	37.46	0.445	11.30	1	1000

ALLIANCE



BL Series
UNF Standard Threaded Plugs (O-Ring Optional)

ALLIANCE



Specifications:

- Material: Polypropylene
- Color: Yellow

Features:

- Can be applied or removed by hand, hex wrench or screwdriver
- Optional O-ring gives this part a water tight seal for superior leakage protection

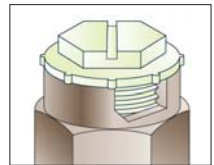
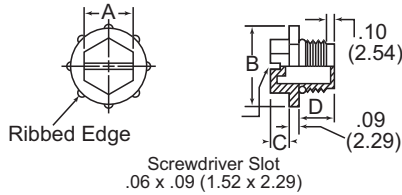
See pages 1023 and 1024 for Application Wizards.

Item No.	Item No. w/ O-Ring	To Plug Standard Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm	In	mm		
BL3A	BL3L	7/16"-20	0.430	10.92	0.620	15.75	0.180	4.57	0.390	9.91	1	5000
*BL4A	*BL4B	1/2"-13	0.500	12.70	0.687	17.46	0.281	7.14	0.410	10.41	1	3000
BL5A	BL5K	9/16"-18	0.500	12.70	0.750	19.05	0.180	4.57	0.420	10.67	1	3000
BL7A	BL7J	3/4"-16	0.680	17.27	0.940	23.88	0.190	4.83	0.520	13.21	1	1500
BL8A	BL8H	7/8"-14	0.750	19.05	1.060	26.92	0.240	6.10	0.560	14.22	1	2100
BL10A	BL10I	1-1/16"-12	0.870	22.10	1.310	33.27	0.250	6.35	0.660	16.76	1	600
BL11A	BL11D	1-3/16"-12	1.000	25.40	1.500	38.10	0.300	7.62	0.700	17.78	1	850
BL12A	BL12H	1-5/16"-12	1.070	27.18	1.610	40.89	0.290	7.37	0.700	17.78	1	700
BL13A	BL13D	1-5/8"-12	1.125	28.58	1.880	42.75	0.300	7.62	0.770	19.56	1	500
BL14A	BL14C	1-7/8"-12	1.500	38.10	2.125	53.98	0.300	7.62	0.750	19.05	1	700

*BL4A and BL4B are black and UNC Threaded

BL Nylon Series
UNF Standard Threaded Nylon Plugs (O-Ring Optional)

ALLIANCE



Specifications:

- Material: Nylon
- Color: Natural

Features:

- Can be applied or removed by hand, hex wrench or screwdriver
- Optional O-ring gives this part a water tight seal for superior leakage protection
- Recommended when strength and abrasion resistance are desired
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is able to withstand higher temperatures than Polypropylene. Nylon is recommended for intermittent temperatures of 230°F (110°C) to -40°F (-40°C)

Item No.	Item No. w/ O-Ring	To Plug Standard Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm	In	mm		
BL3D	BL3I	7/16"-20	0.430	10.92	0.620	15.75	0.180	4.57	0.390	9.91	1	10000
BL5C	BL5N	9/16"-18	0.500	12.70	0.750	19.05	0.180	4.57	0.420	10.67	1	6000
BL7C	BL7G	3/4"-16	0.680	17.27	0.940	23.88	0.190	4.83	0.520	13.21	1	3000
BL8B	BL8P	7/8"-14	0.750	19.05	1.060	26.92	0.240	6.10	0.560	14.22	1	2100
BL10C	BL10M	1-1/16"-12	0.870	22.10	1.310	33.27	0.250	6.35	0.660	16.76	1	1200
BL11E	BL11C	1-3/16"-12	1.000	25.40	1.500	38.10	0.300	7.62	0.700	17.78	1	850
BL12B	BL12M	1-5/16"-12	1.070	27.18	1.610	40.89	0.290	7.37	0.700	17.78	1	700
BL13G	BL13C	1-5/8"-12	1.125	28.58	1.880	42.75	0.300	7.62	0.770	19.56	1	1000



BLWF Series
UNF Standard Threaded Wide Flange Plugs

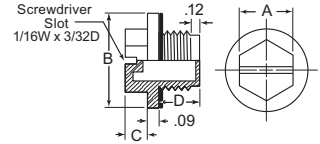


Specifications:

- Material: Plug – Nylon, Gasket – Nitrile
- Color: Plug – Yellow, Gasket – Black

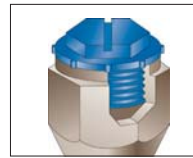
Features:

- The wide flange design keeps any paint flakes away from the hole when removed
- The nylon material absorbs paint keeping paint flakes to a minimum
- The nitrile gasket seals the plug to the mating surface for a watertight seal
- Can be applied or removed by hand, screwdriver or with a torque wrench
- Nylon is recommended for intermittent temperatures up to 230°F (110°C) to -40°F (-40°C)



Item No.	To Fit Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
BLWF100A	7/16"-20	0.500	12.70	0.775	19.69	0.180	4.57	0.390	9.91	1	5000
BLWF105A	1/2"-20	0.500	12.70	0.853	21.67	0.180	4.57	0.405	10.29	1	5000
BLWF110A	9/16"-18	0.500	12.70	0.917	23.29	0.180	4.57	0.420	10.67	1	2500
BLWF115A	3/4"-16	0.750	19.05	1.130	28.70	0.190	4.83	0.520	13.21	1	2500
BLWF120A	7/8"-14	0.750	19.05	1.284	32.61	0.240	6.10	0.560	14.22	1	2500
BLWF125A	1-1/16"-12	1.000	25.40	1.577	40.06	0.250	6.35	0.660	16.76	1	1000
BLWF130A	1-3/16"-12	1.000	25.40	1.722	43.74	0.300	7.62	0.700	17.78	1	1000
BLWF135A	1-5/16"-12	1.000	25.40	1.867	47.42	0.290	7.37	0.700	17.78	1	1000
BLWF140A	1-5/8"-12	1.125	28.57	2.217	56.31	0.300	7.62	0.770	19.56	1	500
BLWF145A	1-7/8"-12	1.500	38.10	2.507	63.68	0.300	7.62	0.750	19.05	1	500

B Series
UNF Standard Threaded Plugs

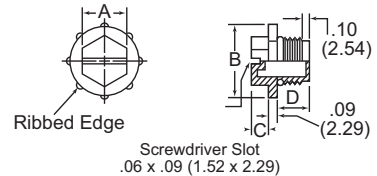


Specifications:

- Material: High-Density Polyethylene
- Color: Blue

Features:

- Threaded plug with a serrated grip (used for a variety of applications)
- Can be applied or removed by hand, hex wrench or screwdriver



Item No.	To Plug Standard Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
B3A	7/16"-20	0.430	10.92	0.620	15.75	0.180	4.57	0.300	7.62	1	11000
B4A	1/2"-20	0.500	12.70	0.680	17.27	0.180	4.57	0.360	9.14	1	7500
B5A	9/16"-18	0.500	12.70	0.750	19.05	0.180	4.57	0.382	9.70	1	6000
B6A	5/8"-18	0.560	14.22	0.810	20.57	0.180	4.57	0.350	8.89	1	5000
B7A	3/4"-16	0.680	17.27	0.940	23.88	0.190	4.83	0.440	11.18	1	3500
B8A	7/8"-14	0.750	19.05	1.060	26.92	0.240	6.10	0.500	12.70	1	2100
B9A	1"-14	0.750	19.05	1.180	29.97	0.250	6.35	0.430	10.92	1	2000
B10A	1-1/16"-14	0.870	22.10	1.310	33.27	0.250	6.35	0.645	16.38	1	1200
B11A	1-1/16"-12	0.870	22.10	1.310	33.27	0.250	6.35	0.620	15.75	1	1300

BLM Series
UNF Standard Threaded Molded O-Ring Plugs

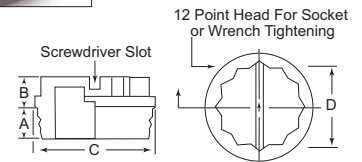


Specifications:

- Material: High-Density Polyethylene
- Color: Red

Features:

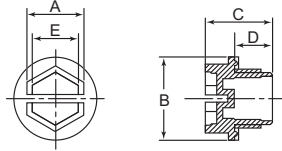
- Often used on flat-faced hydraulic fittings
- Integral O-Ring type bead prevents oil leakage or entrance of contaminants
- The flange lip compresses against the surface to keep contaminants out
- Can be applied or removed by hand, wrench, socket or screwdriver
- Designed for Standard Threads



Item No.	To Plug Standard Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
BLM3B	7/16"-20	0.344	8.74	0.281	7.14	0.660	16.76	3/8	1	8000	
BLM3-24B	7/16"-24	0.344	8.74	0.281	7.14	0.660	16.76	3/8	1	8000	
BLM4B	1/2"-20	0.344	8.74	0.313	7.95	0.730	18.54	7/16	1	6000	
BLM5B	9/16"-18	0.350	8.89	0.323	8.20	0.800	20.32	1/2	1	6000	
BLM6B	5/8"-18	0.375	9.53	0.313	7.95	0.820	20.83	9/16	1	5000	
BLM7B	3/4"-16	0.406	10.31	0.406	10.31	1.020	25.91	11/16	1	3000	
BLM8B	7/8"-14	0.469	11.91	0.313	7.95	1.160	29.46	13/16	1	2000	
BLM9B	1"-14	0.500	12.70	0.313	7.95	1.250	31.75	7/8	1	1500	
BLM10B	1-1/16"-12	0.594	15.09	0.313	7.95	1.450	36.83	1	1	1000	
BLM11B	1-3/16"-12	0.594	15.09	0.344	8.74	1.500	38.10	1-1/8	1	1000	
BLM12B	1-5/16"-12	0.594	15.09	0.344	8.74	1.740	44.20	1-1/4	1	1000	
BLM13B	1-5/8"-12	0.594	15.09	0.344	8.74	2.156	54.76	1-1/2	1	700	
BLM14B	1-7/8"-12	0.594	15.09	0.344	8.74	2.188	55.58	1-5/8	1	700	



TSSP Series
Sealing Threaded Plugs For UNF/METRIC/BSP Threads



Specifications:

- Material: Nylon
- Color: Yellow

Features:

- The double sealing ring design on the underside of the flange provides a positive seal
- Design includes five complete threads for a secure fit
- Can be manually applied or removed with a screwdriver, spanner, socket or allen key or with power tools
- Head designed not to trap liquid
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is recommended for intermittent temperatures of 320°F (160°C) to -40°F (-40°C)

See pages 1023 and 1024 for Application Wizards.

UNF Thread

Item No.	To Fit UNF Thread Size	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm	In	mm		
TSSP3/8-24A	3/8"-24	0.354	9.0	0.630	16.0	0.689	17.5	0.394	10.0	0.236	6.0	1	5000
TSSP7/16-20A	7/16"-20	0.394	10.0	0.669	17.0	0.689	17.5	0.394	10.0	0.276	7.0	1	5000
TSSP1/2-20A	1/2"-20	0.512	13.0	0.748	19.0	0.689	17.5	0.394	10.0	0.394	10.0	1	3000
TSSP9/16-18A	9/16"-18	0.512	13.0	0.807	20.5	0.689	17.5	0.394	10.0	0.394	10.0	1	3000
TSSP5/8-18A	5/8"-18	0.591	15.0	0.866	22.0	0.689	17.5	0.394	10.0	0.472	12.0	1	3000
TSSP3/4-16A	3/4"-16	0.748	19.0	1.024	26.0	0.689	17.5	0.394	10.0	0.630	16.0	1	3000
TSSP7/8-14A	7/8"-14	0.827	21.0	1.122	28.5	0.768	19.5	0.472	12.0	0.709	18.0	1	3000
TSSP1-14A	1"-14	0.945	24.0	1.240	31.5	0.768	19.5	0.472	12.0	0.827	21.0	1	1000
TSSP1-1/16-12A	1-1/16"-12	0.945	24.0	1.299	33.0	0.768	19.5	0.472	12.0	0.827	21.0	1	1000
TSSP1-3/16-12A	1-3/16"-12	1.181	30.0	1.437	36.5	0.886	22.5	0.591	15.0	1.063	27.0	1	1000
TSSP1-5/16-12A	1-5/16"-12	1.181	30.0	1.575	40.0	0.886	22.5	0.591	15.0	1.063	27.0	1	1000
TSSP1-5/8-12A	1-5/8"-12	1.417	36.0	1.870	47.5	0.886	22.5	0.591	15.0	1.299	33.0	1	500
TSSP1-7/8-12A	1-7/8"-12	1.417	36.0	2.126	54.0	0.886	22.5	0.591	15.0	1.299	33.0	1	500

Metric Thread

Item No.	To Fit Metric Thread Size	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm	In	mm		
462836A	M8 x 1	0.276	7.0	0.492	12.5	0.610	15.5	0.315	8.0	0.157	4.0	1	5000
462837A	M10 x 1	0.354	9.0	0.571	14.5	0.650	16.5	0.354	9.0	0.236	6.0	1	5000
TSSPM10X1.5A	M10 x 1.5	0.354	9.0	0.571	14.5	0.650	16.5	0.354	9.0	0.236	6.0	1	500
TSSPM12X1A	M12 x 1	0.394	10.0	0.669	17.0	0.650	16.5	0.354	9.0	0.276	7.0	1	500
462838A	M12 x 1.5	0.394	10.0	0.669	17.0	0.650	16.5	0.354	9.0	0.276	7.0	1	5000
462839A	M14 x 1.5	0.512	13.0	0.748	19.0	0.689	17.5	0.394	10.0	0.394	10.0	1	5000
462840A	M16 x 1.5	0.591	15.0	0.878	22.3	0.689	17.5	0.366	9.3	0.472	12.0	1	5000
462841A	M18 x 1.5	0.669	17.0	0.945	24.0	0.689	17.5	0.394	10.0	0.551	14.0	1	3000
462842A	M20 x 1.5	0.748	19.0	1.024	26.0	0.689	17.5	0.394	10.0	0.630	16.0	1	3000
462843A	M22 x 1.5	0.827	21.0	1.102	28.0	0.689	17.5	0.394	10.0	0.709	18.0	1	3000
TSSPM24X1.5A	M24 x 1.5	0.945	24.0	1.181	30.0	0.689	17.5	0.394	10.0	0.827	21.0	1	500
TSSPM26X1.5A	M26 x 1.5	0.945	24.0	1.260	32.0	0.807	20.5	0.472	12.0	0.827	21.0	1	500
466977A	M27 x 1.5	0.945	24.0	1.299	33.0	0.807	20.5	0.472	12.0	0.827	21.0	1	500
466985A	M27 x 2	0.945	24.0	1.299	33.0	0.866	22	0.531	13.5	0.827	21.0	1	250
TSSPM28X1.5A	M28 x 1.5	0.945	24.0	1.339	34.0	0.807	20.5	0.472	12.0	0.827	21.0	1	500
TSSPM30X1.5A	M30 x 1.5	0.945	24.0	1.496	38.0	0.807	20.5	0.472	12.0	0.827	21.0	1	500
TSSPM30X2A	M30 x 2	0.945	24.0	1.496	38.0	0.866	22	0.531	13.5	0.827	21.0	1	250
TSSPM32X1.5A	M32 x 1.5	0.945	24.0	1.575	40.0	0.807	20.5	0.472	12.0	0.827	21.0	1	500
TSSPM33X2A	M33 x 2	0.945	24.0	1.575	40.0	0.866	22	0.531	13.5	0.827	21.0	1	250
TSSPM36X1.5A	M36 x 1.5	0.945	24.0	1.772	45.0	0.807	20.5	0.472	12.0	0.827	21.0	1	500
TSSPM36X2A	M36 x 2	0.945	24.0	1.772	45.0	0.866	22	0.531	13.5	0.827	21.0	1	250
TSSPM38X1.5A	M38 x 1.5	0.945	24.0	1.890	48.0	0.807	20.5	0.472	12.0	0.827	21.0	1	250
TSSPM42X2A	M42 x 2	1.181	30.0	1.969	50.0	0.866	22	0.531	13.5	1.063	27.0	1	250
TSSPM45X1.5A	M45 x 1.5	1.181	30.0	2.047	52.0	0.846	21.5	0.472	12.0	1.063	27.0	1	250
TSSPM45X2A	M45 x 2	1.181	30.0	1.969	50.0	0.866	22	0.531	13.5	1.063	27.0	1	250
TSSPM48X2A	M48 x 2	1.181	30.0	2.165	55.0	0.906	23	0.531	13.5	1.063	27.0	1	100
TSSPM52X1.5A	M52 x 1.5	1.181	30.0	2.362	60.0	0.866	22	0.472	12.0	1.063	27.0	1	250
TSSPM52X2A	M52 x 2	1.181	30.0	2.362	60.0	0.906	23	0.531	13.5	1.063	27.0	1	100

BSP/Gas Thread

Item No.	To Fit BSP/GAS Thread Size	A		B		C		D		E		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm	In	mm		
462882A	1/8" x 28	0.472	12.00	0.630	16.00	0.610	15.50	0.315	8.00	0.354	9.00	1	5000
462848A	1/4" x 19	0.512	13.00	0.748	19.00	0.689	17.50	0.394	10.00	0.394	10.00	1	5000
462849A	3/8" x 19	0.591	15.00	0.866	22.00	0.689	17.50	0.394	10.00	0.472	12.00	1	5000
462850A	1/2" x 14	0.748	19.00	1.063	27.00	0.768	19.50	0.472	12.00	0.630	16.00	1	3000
462851A	3/4" x 14	0.945	24.00	1.260	32.00	0.768	19.50	0.472	12.00	0.827	21.00	1	2000
462852A	1" x 11	1.181	30.00	1.575	40.00	0.886	22.50	0.591	15.00	1.063	27.00	1	1000
462853A	1-1/4" x 11	1.417	36.00	1.969	50.00	0.886	22.50	0.591	15.00	1.299	33.00	1	400

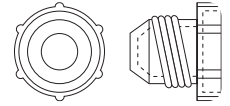


ALLIANCE

TE & T Series
Threaded Plugs for 37° JIC Flared Fittings

Specifications:

- Material: Low-Density Polyethylene
- Color: Red
- Functionally Equivalent to Spec:
NAS-833, NAS-815 (MIL-C5501/1, MIL-C52078)



Features:

- Designed with a knurled head for easy finger installation
- Used to seal light pressure requirements on 37° JIC flared fittings

Item No.	Tubing Size In	To Fit JIC Thread Size	JIC Fitting Size	Pack Qty.	Bulk Pack Qty.		
					TE	T	
TE1000A	T1A	1/8	5/16"-24	2	1	5000	4000
TE1005A	T2A	3/16	3/8"-24	3	1	5000	8500
TE1010A	T3A	1/4	7/16"-20	4	1	5000	6500
TE1015A	T4A	5/16	1/2"-20	5	1	5000	6500
TE1020A	T5A	3/8	9/16"-18	6	1	5000	4500
TE1025A	T6A	3/8	5/8"-18	—	1	5000	4500
TE1030A	T7A	1/2	3/4"-16	8	1	2500	2200
TE1035A	T8A	5/8	7/8"-14	10	1	2500	1800
TE1040A	T9A	3/4	1-1/16"-12	12	1	2500	900

Item No.	Tubing Size In	To Fit JIC Thread Size	JIC Fitting Size	Pack Qty.	Bulk Pack Qty.		
					TE	T	
TE1045A	T10A	3/4	1-1/16"-14	—	1	1000	1000
TE1050A	—	7/8	1-3/16"-12	14	1	2500	—
TE1055A	T12A	1	1-5/16"-12	16	1	1000	—
TE1060A	—	—	1-1/2-12	—	1	1000	—
TE1065A	MPN261A	1-1/4	1-5/8-12	20	1	1000	—
TE1070A	—	—	1-3/4-12	—	1	1000	—
TE1075A	—	1-1/2	1-7/8-12	24	1	500	—
TE1080A	—	1-3/4	2-1/4-12	28	1	500	—
TE1085A	—	2	2-1/2-12	32	1	500	—

TF Series
Threaded Plugs for Flat Faced O-Ring Hydraulic Fittings

Specifications:

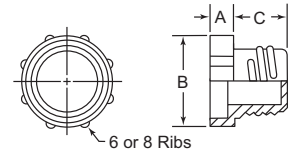
- Material: Low-Density Polyethylene
- Color: Red



Features:

- Head designed with 6 or 8 ribs for simple hand or mechanical installation
- Used to protect flat-faced o-ring hydraulic fittings

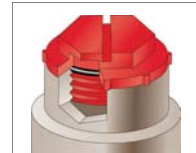
Item No.	Tubing Size In	To Fit Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm		
TF10A	1/4	9/16"-18	0.250	6.40	0.690	17.50	0.380	9.50	1	5000
TF20A	3/8	11/16"-16	0.250	6.40	0.870	22.10	0.410	10.4	1	5000
TF30A	1/2	13/16"-16	0.250	6.40	0.940	23.90	0.470	11.9	1	5000
TF40A	5/8	1"-14	0.250	6.40	1.160	29.50	0.570	14.5	1	2500
TF50A	3/4	1 3/16"-12	0.250	6.40	1.320	33.50	0.610	15.5	1	2500
TF60A	1	1 7/16"-12	0.250	6.40	1.630	41.40	0.690	17.5	1	1000



FP Series
NS & NF Class 1-2-3 Threaded Plugs (O-Ring Optional)

Specifications:

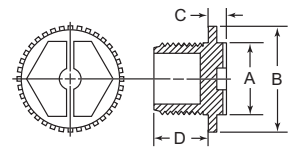
- Material: Polypropylene
- Color: Red



Features:

- Can be applied or removed by hand, hex wrench or screwdriver
- The FP series plugs will fit NS and NF Class 1-2-3 standard threads
- Optional O-ring gives this part a watertight seal for superior leakage protection

Item No.	Item No. w/ O-Ring	To Plug Standard Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm	In	mm		
FP104A	FP104B	7/16"-20	0.438	11.11	0.625	15.88	0.188	4.76	0.300	7.62	1	9500
FP108A	FP108B	9/16"-18	0.500	12.70	0.781	19.84	0.188	4.76	0.350	8.89	1	5000
FP110A	FP110B	5/8"-18	0.563	14.29	0.813	20.64	0.188	4.76	0.350	8.89	1	4500
FP115A	FP115B	3/4"-16	0.688	17.46	0.938	23.81	0.188	4.76	0.440	11.18	1	2700
FP120A	FP120B	7/8"-14	0.750	19.05	1.063	26.99	0.250	6.35	0.500	12.70	1	1800
FP122A	FP122B	1"-14	0.750	19.05	1.188	30.16	0.250	6.35	0.470	11.94	1	1500



TMO Series
Threaded Plugs for SAE O-Ring Ports

Specifications:

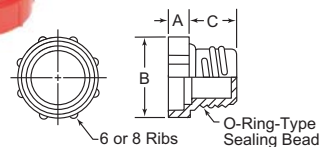
- Material: High-Density Polyethylene
- Color: Red



ALLIANCE

Features:

- Protects threaded components from dust, moisture and damage during production, storage and shipment
- Designed with an easy-to grip head for ease of hand installation
- Threads meet UN and UNS specifications
- Integral O-ring type bead prevents leakage and entrance of contaminants



Item No.	To Fit Standard Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
TMO104A	7/16"-20	0.320	8.13	0.650	16.51	0.380	9.65	1	5500
TMO105A	1/2"-20	0.320	8.13	0.720	18.29	0.380	9.65	1	7500
TMO106A	9/16"-18	0.360	9.14	0.780	19.81	0.380	9.65	1	6000
TMO108A	3/4"-16	0.400	10.16	0.980	24.89	0.380	9.65	1	3500

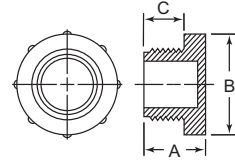
Item No.	To Fit Standard Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
TMO110A	7/8"-14	0.450	11.43	1.110	28.19	0.380	9.65	1	2100
TMO112A	1-1/16"-12	0.620	15.75	1.310	33.27	0.380	9.65	1	1200
TMO116A	1-5/16"-12	0.620	15.75	1.560	39.62	0.380	9.65	1	700
TMO120A	1-5/8"-12	0.620	15.75	1.880	47.75	0.380	9.65	1	700



CAPS, PLUGS & MASKING
THREADED PLUGS

Buy One or
Buy Bulk & SAVE

TPUNF Series
UNF/JIC Threaded Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: Red

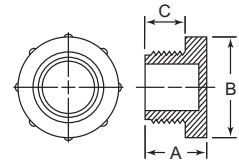
Features:

- Knurled head for easy grip
- Secure fit for excellent protection against dirt, moisture and corrosion

Item No.	To Fit UNF/JIC Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
10498A	5/16" - 18	0.472	12.00	0.571	14.50	0.291	7.40	1	5000
10709A	5/16" - 24	0.484	12.30	0.583	14.80	0.291	7.40	1	5000
10692A	3/8" - 24	0.551	14.00	0.539	13.70	0.374	9.50	1	5000
10763A	7/16" - 20	0.634	16.10	0.685	17.40	0.433	11.00	1	5000
12031A	7/16" - 24	0.476	12.10	0.701	17.80	0.28	7.10	1	5000
10695A	1/2" - 20	0.602	15.30	0.728	18.50	0.413	10.50	1	5000
10668A	9/16" - 18	0.606	15.40	0.890	22.60	0.421	10.70	1	5000
12033A	9/16" - 24	0.535	13.60	0.744	18.90	0.354	9.00	1	5000
10940A	5/8" - 18	0.583	14.80	0.827	21.00	0.394	10.00	1	5000
12965A	5/8" - 24	0.583	14.80	0.815	20.70	0.394	10.00	1	5000
12786A	1 1/16" - 16	0.713	18.10	1.008	25.60	0.531	13.50	1	3000

Item No.	To Fit UNF/JIC Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
10575A	3/4" - 16	0.736	18.70	1.063	27.00	0.543	13.80	1	3000
12827A	1 3/16" - 16	0.713	18.10	1.051	26.70	0.531	13.50	1	2500
10326A	7/8" - 14	0.728	18.50	1.134	28.80	0.535	13.60	1	2500
12785A	1" - 14	0.701	17.80	1.26	32.00	0.52	13.20	1	2000
10460A	1-1/16" - 12	0.724	18.40	1.311	33.40	0.543	13.80	1	2000
12359A	1-1/16" - 14	0.720	18.30	1.311	33.30	0.539	13.70	1	2000
11506A	1-3/16" - 12	0.72	18.30	1.449	36.80	0.531	13.50	1	1500
10671A	1-5/16" - 12	0.642	16.30	1.547	39.30	0.433	11.00	1	1500
11752A	1-5/8" - 12	0.681	17.30	1.992	50.60	0.508	12.90	1	800
11755A	1-7/8" - 12	0.886	22.50	2.299	58.40	0.657	16.70	1	400
12040A	2-1/2" - 12	0.811	20.60	2.898	73.60	0.591	15.00	1	300

TP Metric & TPBSP Series
Metric & BSP Threaded Plugs



Specifications:

- Material: Low-Density Polyethylene
- Color: Red

Features:

- Series accommodates an extensive range of metric and BSP/Gas threaded sizes
- Knurled head for easy grip
- Secure fit for excellent protection against dirt, moisture and corrosion

Metric Threads

Item No.	To Fit Metric Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
12011A	M8 x 1	0.562	14.27	0.484	12.29	0.374	9.50	1	5000
12012A	M10 x 1	0.574	14.58	0.602	15.29	0.409	10.39	1	5000
12013A	M12 x 1	0.657	16.69	0.728	18.49	0.421	10.69	1	5000
*12017A	M12 x 1.5	0.641	16.28	0.657	16.69	0.342	8.69	1	5000
*12018A	M14 x 1.5	0.677	17.20	0.728	18.49	0.374	9.50	1	5000
12019A	M16 x 1.5	0.677	17.20	0.866	22.00	0.492	12.50	1	3000
10458A	M18 x 1.5	0.720	18.29	0.960	24.38	0.539	13.69	1	4000
12020A	M20 x 1.5	0.716	18.19	1.035	26.29	0.551	14.00	1	3000
10128A	M22 x 1.5	0.720	18.29	1.110	28.19	0.539	13.69	1	3000
12021A	M24 x 1.5	0.728	18.49	1.232	31.29	0.543	13.79	1	2000
12022A	M25 x 1.5	0.728	18.49	1.232	31.30	0.551	14.00	1	2500
12023A	M26 x 1.5	0.736	18.69	1.287	32.69	0.543	13.79	1	2000
12030A	M52 x 1.5	0.846	21.50	2.508	63.70	0.610	15.50	1	500

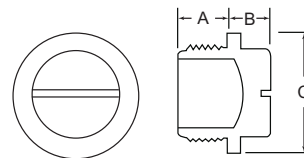
BSP/Gas Threads

Item No.	To Fit BSP/Gas Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
10651A	1/8" x 28	0.413	10.50	0.646	16.40	0.165	4.20	1	5000
10588A	1/4" x 19	0.504	12.80	0.740	18.80	0.256	6.50	1	5000
10996A	3/8" x 19	0.472	12.00	0.902	22.90	0.217	5.50	1	5000
10590A	1/2" x 14	0.681	17.30	1.102	28.00	0.406	10.30	1	3000
10511A	5/8" x 14	0.724	18.40	1.232	31.30	0.547	13.90	1	2500
10731A	3/4" x 14	0.669	17.00	1.272	32.30	0.433	11.00	1	2000
11429B	7/8" x 14	0.713	18.10	1.496	38.00	0.531	13.50	1	1500
10810A	1" x 11	0.665	16.90	1.567	39.80	0.425	10.80	1	1500
10459A	1-1/4" x 11	0.823	20.90	1.965	49.90	0.591	15.00	1	800
11242A	1-1/2" x 11	0.665	16.90	2.173	55.20	0.425	10.80	1	600
10496A	2" x 11	0.689	17.50	2.902	73.70	0.421	10.70	1	400
10319A	3" x 11	0.650	16.50	4.134	105.00	0.445	11.30	1	150

* The 12017A and the 12018A have a hexagonal head

MP Series
NS & NF Class 1-2-3 Threaded Plugs

ALLIANCE



Specifications:

- Material: Acetate
- Color: Yellow

Features:

- Will fit NS and NF Class 1-2-3 standard threads Go Gage only
- The MP531B fit NC threads only
- Can be applied or removed by hand, wrench or screwdriver

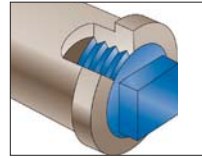
Item No.	To Plug Standard Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
MP70B	3/8"-24	0.312	7.93	0.343	8.73	0.625	15.87	1	3500
MP73B	7/16"-20	0.312	7.93	0.375	9.52	0.687	17.46	1	3700
MP531B	1/2"-13	0.375	9.52	0.375	9.52	0.875	22.22	1	3000
MP76B	1/2"-20	0.375	9.52	0.375	9.52	0.750	19.05	1	3300

Item No.	To Plug Standard Thread Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
MP78B	9/16"-18	0.375	9.52	0.375	9.52	0.812	20.63	1	2500
MP81B	3/4"-16	0.375	9.52	0.343	8.73	1.000	25.40	1	1600
MP90B	7/8"-18	0.375	9.52	0.343	8.73	1.062	26.97	1	1300
MP95B	1-1/8"-12	0.375	9.52	0.343	8.73	1.312	33.32	1	1000



ALLIANCE

**R Series
NPT Threaded Square-Headed Plugs**

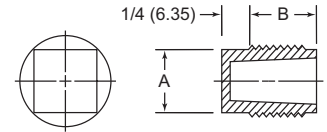


Specifications:

- Material: Refer to Chart
- Color: Refer to Chart

Features:

- Square head design allows the user to install or remove these by hand or with a wrench
- Used to protect NPT threads against contaminants and moisture
- Nylon is recommended when strength and abrasion resistance are desired
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is able to withstand higher temperatures than HDPE. Nylon is recommended for intermittent temperatures of 320°F (160°C) to -40°F (-40°C)



Item No.		To Fit NPT Thread Size	A		B		Pack Qty.	Bulk Pack Qty.
Blue HDPE	Natural GFN		In	mm	In	mm		
R1/8A	R1/8C	1/8"-27	9/32	7.14	0.375	9.53	1	8500
R1/4A	R1/4C	1/4"-18	11/32	8.73	0.437	11.11	1	9000
R3/8A	R3/8B	3/8"-18	7/16	11.11	0.500	12.70	1	5000
R1/2A	R1/2D	1/2"-14	9/16	14.28	0.562	14.29	1	3000
R3/4A	R3/4B	3/4"-14	11/16	17.46	0.625	15.88	1	1900

Item No.		To Fit NPT Thread Size	A		B		Pack Qty.	Bulk Pack Qty.
Blue HDPE	Natural GFN		In	mm	In	mm		
R1A	R1B	1"-11-1/2	3/4	19.05	0.625	15.88	1	1000
R1-1/4A	R1-1/4C	1-1/4"-11-1/2	15/16	23.81	0.625	15.88	1	500
R1-1/2A	—	1-1/2"-11-1/2	1-1/8	28.57	0.625	15.88	1	500
R2A	—	2"-11-1/2	1-1/4	31.75	0.625	15.88	1	500

**FPF Series
NPT Threaded Plugs (O-Ring Optional)**

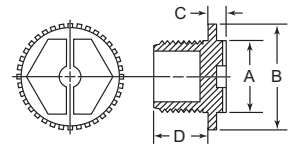


Specifications:

- Material: High-Density Polyethylene
- Color: Black

Features:

- Unique head design allows the user to apply or remove this plug by hand or with a 12 point socket head, screwdriver or wrench
- Used to protect NPT threaded ports
- Optional O-ring gives this part a watertight seal for superior leakage protection



Item No.	Item No. w/ O-Ring	To Fit NPT Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm	In	mm		
PPF1/8A	PPF1/8B	1/8" NPT	0.348	8.84	0.560	14.22	0.250	6.35	0.250	6.35	1	5000
PPF1/4A	PPF1/4B	1/4" NPT	0.489	12.42	0.740	18.80	0.310	7.87	0.310	7.87	1	5000
PPF3/8A	PPF3/8B	3/8" NPT	0.562	14.27	0.850	21.59	0.320	8.13	0.350	8.89	1	5000
PPF1/2A	PPF1/2B	1/2" NPT	0.705	17.91	1.040	26.42	0.320	8.13	0.500	12.70	1	3000
PPF3/4A	PPF3/4B	3/4" NPT	0.987	25.07	1.310	33.27	0.320	8.13	0.630	16.00	1	1500
PPF1A	PPF1B	1" NPT	1.130	28.70	1.530	38.86	0.320	8.13	0.630	16.00	1	1000

**FPF Nylon Series
NPT Threaded Nylon Plugs (O-Ring Optional)**

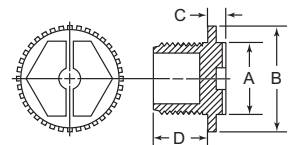


Specifications:

- Material: Nylon
- Color: Natural

Features:

- Unique head design allows the user to apply or remove this plug by hand or with a 12 point socket head, screwdriver or wrench
- Used to protect NPT threaded ports
- Optional O-ring gives this part a watertight seal for superior leakage protection
- Recommended when strength and abrasion resistance are desired
- The nylon material absorbs paint, keeping paint flakes to a minimum
- Nylon is able to withstand higher temperatures than HDPE. Nylon is recommended for intermittent temperatures of 230°F (110°C) to -40°F (-40°C)

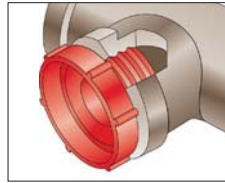


Item No.	Item No. w/ O-Ring	To Fit NPT Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm	In	mm		
PPF1/8C	PPF1/8D	1/8" NPT	0.348	8.84	0.560	14.22	0.250	6.35	0.250	6.35	1	5000
PPF1/4C	PPF1/4D	1/4" NPT	0.489	12.42	0.740	18.80	0.310	7.87	0.310	7.87	1	5000
PPF3/8C	PPF3/8D	3/8" NPT	0.562	14.27	0.850	21.59	0.320	8.13	0.350	8.89	1	5000
PPF1/2C	PPF1/2D	1/2" NPT	0.705	17.91	1.040	26.42	0.320	8.13	0.500	12.70	1	3000
PPF3/4C	PPF3/4D	3/4" NPT	0.987	25.07	1.310	33.27	0.320	8.13	0.630	16.00	1	1500
PPF1C	PPF1D	1" NPT	1.130	28.70	1.530	38.86	0.320	8.13	0.630	16.00	1	1000



PT Series
NPT Threaded Plugs

ALLIANCE

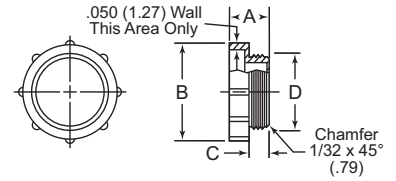


Specifications:

- Material: High-Density Polyethylene
- Color: Red

Features:

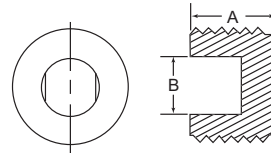
- Knurled head design allows the user to install or remove these by hand easier
- Used to protect NPT threads against contaminants and moisture



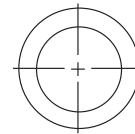
Item No.	To Fit NPT Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
PT1/4A	1/4"	0.500	12.70	0.725	18.42	0.225	5.72	0.440	11.18	1	9000
PT3/8A	3/8"	0.475	12.07	0.900	22.86	0.225	5.72	0.585	14.86	1	6500
PT1/2A	1/2"	0.500	12.70	1.120	28.45	0.250	6.35	0.700	17.78	1	4000
PT3/4C	3/4"	0.500	12.70	1.300	33.02	0.250	6.35	0.940	23.88	1	3000
PT1A	1"	0.500	12.70	1.565	39.75	0.250	6.35	1.180	29.97	1	1800

PS (Hex & Slotted) Series
NPT Threaded Plugs

ALLIANCE



Hex



Slotted

Specifications:

- Material: Acetate
- Color: Yellow

Features:

- Used to protect NPT pipe threads against contaminants and moisture
- Slotted Head makes assembly and removal simple with a screwdriver

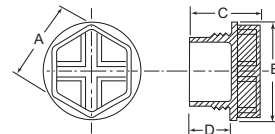
Hex

Item No.	To Fit NPT Thread Size	A		B		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm		
PS131B	3/8"	0.562	14.28	0.312	7.92	1	3000
PS132B	1/2"	0.562	14.28	0.375	9.52	1	2500
PS134B	1"	0.750	19.05	0.625	15.87	1	800
PS135A	1-1/4"	0.750	19.05	0.750	19.05	1	650

Slotted

Item No.	To Fit NPT Thread Size	A		Pack Qty.	Bulk Pack Qty.
		In	mm		
PS40B	1/8"	0.375	9.52	1	5500
PS44B	3/4"	0.375	9.52	1	1500
PS48B	1-1/2"	0.500	12.70	1	700

TSP Series
Metric & BSP Threaded Plugs



Metric

Item No.	To Fit Metric Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
12139A	M8 x 1	0.394	10.00	0.472	12.00	0.551	14.00	0.276	7.00	1	5000
12140A	M10 x 1	0.472	12.00	0.551	14.00	0.512	13.00	0.236	6.00	1	5000
12141A	M12 x 1	0.512	13.00	0.630	16.00	0.630	16.00	0.354	9.00	1	5000
12142A	M14 x 1	0.630	16.00	0.748	19.00	0.669	17.00	0.354	9.00	1	3000
12144A	M12 x 1.5	0.512	13.00	0.630	16.00	0.669	17.00	0.354	9.00	1	5000
12145A	M14 x 1.5	0.630	16.00	0.748	19.00	0.669	17.00	0.354	9.00	1	5000
12146A	M16 x 1.5	0.709	18.00	0.827	21.00	0.748	19.00	0.394	10.00	1	3000
12147A	M18 x 1.5	0.787	20.00	0.945	24.00	0.748	19.00	0.394	10.00	1	3000
12148A	M20 x 1.5	0.866	22.00	1.024	26.00	0.827	21.00	0.472	12.00	1	3000

Specifications:

- Material: High-Density Polyethylene
- Color: Yellow

Features:

- Can be manually applied or removed with a screwdriver, spanner or socket, or with power tools
- Designed with short threads for fast assembly and removal

BSP/Gas

Item No.	To Fit BSP/Gas Thread Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm	In	mm		
10503A	1/8" x 28	0.472	12.00	0.551	14.00	0.630	16.00	0.354	9.00	1	5000
10504A	1/4" x 19	0.630	16.00	0.748	19.00	0.669	17.00	0.354	9.00	1	5000
10505A	3/8" x 19	0.709	18.00	0.827	21.00	0.748	19.00	0.394	10.00	1	5000
10506A	1/2" x 14	0.846	21.50	1.024	26.00	0.827	21.00	0.472	12.00	1	3000
10507A	3/4" x 14	1.083	27.50	1.260	32.00	0.827	21.00	0.472	12.00	1	2000
10508A	1" x 11	1.319	33.50	1.575	40.00	0.827	21.00	0.472	12.00	1	1500
10509A	1-1/4" x 11	1.732	44.00	1.929	49.00	0.827	21.00	0.472	12.00	1	800

PROPANE VALVE PRODUCT CAPS & THREADED PLUGS



ALLIANCE

PPC Series

Overfill Prevention Device Cylinder Valve Caps



Specifications:

- Material: Refer to chart
- Color: Refer to chart

Features:

- Protects threads from damage and contaminants during shipping and use
- Easy to apply
- PPC-1 is designed with a one piece cap and retaining strap that attaches to the valve
- PPC-1 has warning labels imprinted in English and Spanish
- PPC-2 design makes it tamper resistant once applied

Item No.	Description	Material	Color	Product Usage	Pack Qty.	Bulk Pack Qty.
PPC1A	Dust Cap with Retaining Strap	LDPE	Black	OPD Valve for Propane Cylinder	1	550
PPC2A	Dust Cap with Tear Feature	LLDPE	Blue	OPD Valve for Propane Cylinder	1	450
PPC3B	Protective Cap with Tear Feature	LLDPE	Blue	OPD Valve for Propane Cylinder	1	900
K762E	Dust Cap	LDPE	Black	Standard Valve for Small Cylinder	1	5000

K Series

Overfill Prevention Device Cylinder Valve Plugs

ALLIANCE

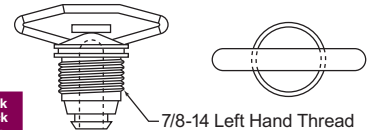


Specifications:

- Material: Refer to Chart
- Color: Refer to Chart

Features:

- Protects threads from damage and contaminants during shipping and use
- Easy to apply
- Flat strap attachment device



Item No.	Description	Material	Color	Product Usage	Pack Qty.	Bulk Pack Qty.
K737AC	100 Per Bag with Tag	HDPE	Red	OPD Valve for Propane Cylinder	1	1000

DP Series

UNJ/UNJS Threaded Plugs

ALLIANCE

Specifications:

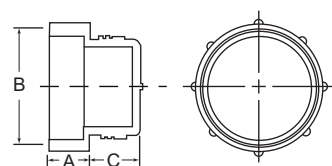
- Material: High-Density Polyethylene
- Color: Red

Features:

- Protects threaded components from dust, moisture and damage during production, storage and shipment
- Designed with an easy to grip head for ease of hand installation
- Threads meet UNJ and UNJS specifications



Item No.	To Cap UNJ/UNJS Thread Size	Tubing Size In	A		B		C		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm		
DP3A	3/8"-28	3/16	0.250	6.35	0.440	11.18	0.280	7.11	1	5000
DP4A	7/16"-24	1/4	0.310	7.87	0.560	14.22	0.300	7.62	1	5000
DP5A	1/2"-24	5/16	0.310	7.87	0.620	15.75	0.300	7.62	1	5000
DP6A	9/16"-20	3/8	0.310	7.87	0.690	17.53	0.320	8.13	1	5000
DP8A	23/32"-20	1/2	0.310	7.87	0.880	22.35	0.320	8.13	1	5000
DP10A	27/32"-18	5/8	0.310	7.87	1.000	25.40	0.400	10.16	1	2500
DP12A	1"-16	3/4	0.310	7.87	1.120	28.45	0.420	10.67	1	2500
DP14A	1-1/8"-16	7/8	0.250	6.35	1.250	31.75	0.450	11.43	1	2500
DP16A	1-1/4"-14	1	0.250	6.35	1.380	35.05	0.450	11.43	1	2000
DP20A	1-33/64"-14	1-1/4	0.250	6.35	1.620	41.15	0.450	11.43	1	1000
DP21SA	1-37/64"-14	1-1/4	0.250	6.35	1.750	44.45	0.460	11.68	1	1000
DP24A	1-25/32"-14	1-1/2	0.250	6.35	2.000	50.80	0.550	13.97	1	1000
DP25SA	1-27/32"-14	1-1/2	0.250	6.35	2.120	53.85	0.550	13.97	1	1000



**FNC Series****Flexible Protective Netting (Tector-Net)**

Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to charts

Features:

- Easily applied and removed
- Reduces labor cost, inventory cost, damage claims and returns
- Does not trap or retain moisture
- Stretches and wraps snugly around virtually any form



Item No.	Flexible Dia. Range		Color	Roll Length	
	In	mm		Ft	mm
FNC0025SRA	0.250-0.375	6.35-9.53	Red	820	249
FNC0025LRA	0.250-0.375	6.35-9.53	Red	1500	457
FNC0037SRA	0.375-0.625	9.53-15.88	Orange	820	249
FNC0037LRA	0.375-0.625	9.53-15.88	Orange	1500	457
FNC0050SRA	0.50-1	12.70-25.40	Blue	820	249
FNC0050LRA	0.50-1	12.70-25.40	Blue	1500	457
FNC0100SRA	1-2	25.40-50.80	Yellow	164	49

Item No.	Flexible Dia. Range		Color	Roll Length	
	In	mm		Ft	mm
FNC0100LRA	1-2	25.40-50.80	Yellow	1500	457
FNC0200SRA	2-4	50.80-101.60	Red	164	49
FNC0200LRA	2-4	50.80-101.60	Red	1500	457
FNC0400SRA	4-6	101.60-152.40	Green	164	49
FNC0600SRA	6-8	152.40-203.20	Brown	164	49
FNC0800SRA	8-10	203.20-254.00	Natural	164	49
FNC1000SRA	10-12	254.00-304.80	Green	82	24

FNH Series**Heavy Gauge Protective Netting**

Specifications:

- Material: Low-Density Polyethylene
- Color: Refer to charts

Features:

- Easily applied and removed
- Reduces labor cost, inventory cost, damage claims and returns
- Does not trap or retain moisture
- Stretches and wraps snugly around virtually any form
- The FNH Series has heavier gauge material for applications that need a more durable protection



Item No.	Flexible Dia. Range		Color	Roll Length	
	In	mm		Ft	mm
FNH0050LRA	0.500-1	12.70-25.40	Blue	820	249
FNH0125A	1.250-1.625	31.75-41.28	Yellow	82	24
FNH0200A	2-2.500	50.80-63.50	Red	82	24
FNH0250A	2.500-3	63.50-76.20	Green	82	24
FNH0300A	3-4	76.20-101.60	Green	82	24

Item No.	Flexible Dia. Range		Color	Roll Length	
	In	mm		Ft	mm
FNH0400A	4-4.500	101.60-114.30	Yellow	82	24
FNH0475A	4.750-5.500	120.65-139.70	Red	82	24
FNH0550A	5.500-6.750	139.70-171.45	Blue	82	24
FNH0675A	6.750-8	171.45-203.20	Green	82	24

TCN Series**Gas Cylinder Protective Netting**

Specifications:

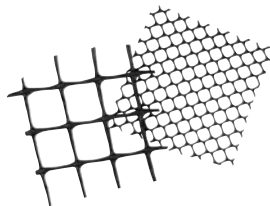
- Material: High-Density Polyethylene
- Color: Natural

Features:

- Protects cylinders during transportation and handling at the job site
- UV inhibitors prevent breakdown due to sunlight or weather
- Non-toxic
- Continue to perform ring test (results may be at a lower pitch)



Item No.	To Fit Cylinder O.D.		Length		Usage	Pack Qty.
	In	mm	In	mm		
TCN0415A	4"	101.60	15"	381	D Medical	50
TCN0423A	4"	101.60	23"	584	E Medical	50
TCN0734A	6"-7"	152.40-177.80	34"	863	110, 115, 122, 125, M	50
TCN0943A	8"-9"	203.20-228.60	43"	1092	219, 230, 244, 251, 276, 309, 335	50
TCN0952A	8"-9"	203.20-228.60	50"	1270	50LB, NO. K.H.J.T.	50
TCN1147A	11"	279.40	47"	1193	400, 408, 448, 100, C 02	50

AFN Series**Part Separator Netting**

Specifications:

- Material: High-Density Polyethylene
- Color: Black

Features:

- Separates and stacks parts without damage or liquid build-up
- Durable, washable and reusable
- Promotes movement of liquid and airflow in cleaning, degreasing and drying processes
- Process more parts more efficiently
- Reduces damage claims and returns



Item No.	Mesh Size		Roll Width		Thickness		Roll Length	
	In	mm	In	mm	In	mm	Ft	m
AFN0125FRA	0.125	3.17	36.000	914.40	0.063	1.60	50	15
AFN0250FRA	0.250	6.35	48.000	1219.20	0.094	2.38	50	15
AFN0500FRA	0.500	12.70	48.000	1219.20	0.128	3.25	50	15
AFN0750FRA	0.750	17.78	48.000	1219.20	0.156	3.96	50	15
AFN1000FRA	1.000	25.40	48.000	1219.20	0.162	4.11	50	15



Tube & Hydraulic Fittings

Caps

Non-Threaded Caps Choices

Threaded Cap Choices



Your Application			Non-Threaded Cap Choices				Threaded Cap Choices	
Thread Size	Tubing OD In	Fitting Size	Numbered Series	E Series	TS Series	DM Series	TCUNF Series	G Series
5/16"-24	1/8	-2	008A	—	—	DM0304-1/2A	—	—
3/8"-24	3/16	-3	011A	E3/8A	TS3A	DM0360-1/2A	10251A	G1A
7/16"-20	1/4	-4	013A	E7/16A	TS4A	DM0437-1/2A	10332A	G2A
1/2"-20	5/16	-5	017A	E1/2A	TS5A	DM0490-1/2A	10528A	G5A
9/16"-18	3/8	-6	020A	E9/16A	TS6A	DM0544-1/2A	11041A	G8A
5/8"-18	3/8	—	021A	E5/8A	TS10348A	DM0600-1A	10653A	G11A
11/16"-16	—	-7	026A	E11/16B	TS7A	DM0665-1A	—	—
3/4"-16	1/2	-8	028A	E3/4A	TS8A	DM0725-1A	12847A	G14A
13/16"-16	—	-9	030A	E13/16A	TS9A	DM0750-1A	12825A	—
7/8"-14	5/8	-10	035A	E7/8A	TS10A	DM0843-1A	11089A	G17A
1"-14	—	-11	041A	E1A	TS11A	DM0985-1A	12826A	G21A
1-1/16"-12	3/4	-12	042A	E1-1/16A	TS12A	DM1000-1A	10685A	G22A
1-3/16"-12	7/8	-13	1040A	E1-3/16B	TS13A	DM1125-1A	10163A	G25A
1-5/16"-12	1	-16	049A	E1-5/16B	TS16A	DM1250-1A	10151A	G27A
1-7/16"-12	—	-17	053A	E1-7/16B	TS17A	DM1375-1A	10185A	—
1-5/8"-12	1-1/4	-20	056A	E1-5/8B	TS20A	DM1593-1A	11053A	G30A
1-11/16"-12	—	-21	056A	E1-11/16B	TS21A	DM1625-1A	—	—
1-7/8"-12	1-1/2	-24	062A	E1-7/8B	TS24A	DM1875-1A	11804A	—
2-1/4"-12	1-3/4	-28	072A	—	—	DM2156-1A	—	—

Plugs

Non-Threaded Plug Choices

Threaded Plug Choices



Your Application			Non-Threaded Plug Choices			Threaded Plug Choices		
Thread Size	Tubing OD In	Fitting Size	Numbered Series	CP Series	TPUNF Series	BL Series	BLM Series	BLWF Series
5/16"-24	1/8	-2	005A	CP5A	10709A	—	—	—
3/8"-24	3/16	-3	007A	CP7A	10692A	—	—	—
7/16"-20	1/4	-4	008A	CP8A	10763A	BL3A	BLM3B	BLWF100A
1/2"-20	5/16	-5	010A	CP10A	10696A	B4A	BLM4B	BLWF105A
9/16"-18	3/8	-6	013A	CP14A	10668A	BL5A	BLM5B	BLWF110A
5/8"-18	3/8	—	014A	CP15B	10940A	B6A	BLM6B	—
3/4"-16	1/2	-8	021A	CP19A	10575A	BL7A	BLM7B	BLWF115A
7/8"-14	5/8	-10	026A	CP24A	10326A	BL8A	BLM8B	BLWF120A
1"-14	—	—	030A	CP31A	12785A	B9A	BLM9B	—
1-1/16"-12	3/4	-12	035A	CP35A	10460A	BL10A	BLM10B	BLWF125A
1-3/16"-12	7/8	-13	041A	CP40A	11506A	BL11A	BLM11B	BLWF130A
1-5/16"-12	1	-16	044A	CP44A	10671A	BL12A	BLM12B	BLWF135A
1-5/8"-12	1-1/4	-20	052A	CP55A	11752A	BL13A	BLM13B	BLWF140A
2-1/4"-12	1-3/4	-28	066A	CP61A	—	—	—	—

Threaded NPT Fittings

Caps

Plugs



Your Application				
To Cap NPT Thread Size	Numbered Series	Y Series	DM Series	ECS Series
1/8	012A	Y1/8A	DM0375-1/2A	ECS0125A
1/4	018A	Y1/4A	DM0500-1/2A	ECS0250A
3/8	026A	Y3/8A	DM0625-1/2A	ECS0375A
1/2	035A	Y1/2A	DM0843-1A	ECS0500A
3/4	042A	Y3/4A	DM1000-1A	ECS0750A
1	052A	Y1A	DM1250-1A	ECS1000A
1-1/4	056A	Y1-1/4A	DM1875-1A	ECS1250A
1-1/2	1080A	Y1-1/2A	DM2375-1A	ECS1500A
2	073A	Y2A	DM2750-1A	ECS2000A

Your Application				
To Plug NPT Thread Size	Numbered Series	CP Series	R Series	PFP Series
1/8	008A	CP8A	R1/8A	PFP1/8A
1/4	011A	CP11A	R1/4A	PFP1/4A
3/8	020A	-	R3/8A	PFP3/8A
1/2	023A	CP23A	R1/2A	PFP1/2A
3/4	035A	CP35A	R3/4A	PFP3/4A
1	GPT643A	CP44A	R1A	PFP1A
1-1/4	054A	CP55A	R1-1/4A	—
1-1/2	1065A	CP57A	R1-1/2A	—
2	066A	-	R2A	—



Metric Threads

Caps



Numbered Series Pages 980 - 981 **DM Series Pages 988 - 989** **A & AR Series Page 990** **TC Metric Series Page 1002** **QFC Series Page 998**

Your Application					
Thread Size	Numbered Series	DM Series	A & AR Series	TC Metric Series	QFC Series
M4	004A	DM0148-1/2A	A5/32W/RA	—	—
M5	005A	DM0187-1/2A	—	—	—
M6	006A	DM0224-1/2A	—	—	—
M8 x 1	009A	DM0304-1/2A	A5/16W/RA	12100A	QFC145A
M10 x 1	012A	DM0375-1/2A	AR100A	12101A	QFC146A
M12 x 1	014A	DM0460-1/2A	A1/2BA	12102A	—
M12 x 1.5	1015A	DM0460-1/2A	A1/2BA	12103A	QFC147A
M14 x 1.5	018A	DM0531-1/2A	—	12104A	QFC148A
M16 x 1.5	022A	DM0600-1A	A5/8W/RA	12105A	QFC150A
M18 x 1.5	027A	DM0687-1A	A11/16W/RA	12106A	QFC152A
M20 x 1.5	030A	DM0750-1A	AR125A	12107A	QFC153A
M22 x 1.5	035A	DM0843-1A	AR130A	12108A	QFC154A
M24 x 1.5	040A	DM0937-1A	A15/16A	12109A	QFC155A
M25 x 1.5	041A	—	A63/64A	12110A	—
M26 x 1.5	041A	DM1000-1A	A1W/RA	12111A	QFC156A
M27	042A	DM1062-1A	A1-1/16W/RA	—	—
M28 x 1.5	044A	DM1090-1A	—	12967A	QFC157A
M30 x 2	1050A	DM1125-1A	—	12122A	QFC158A
M35	051A	DM1375-1A	A1-3/8A	—	—
M39	055A	DM1500-1A	A1-1/2A	—	—
M42 x 2	056A	DM1625-1A	A1-5/8A	12124A	—
M45	058A	DM1750-1A	A1-3/4A	—	—
M48	064A	DM1875-1A	A1-7/8A	—	—
M52 x 2	1085A	DM2125-1A	—	12126A	—
M58	075A	DM2250-1A	A2-1/4A	—	—

Caps

Non-Threaded Studs



Numbered Series Pages 980 - 981 **A Series Page 990** **DM Series Pages 988 - 989**

T0 Fit OD			Numbered Series	A Series	DM Series
In	Dec	mm			
1/8	0.125	3.17	002A	A1/8W/RA	DM0125-1/2A
3/16	0.187	4.75	005A	A3/16W/RA	DM0187-1/2A
1/4	0.250	6.35	007A	A1/4W/RA	DM0250-1/2A
5/16	0.312	7.92	009A	A5/16W/RA	DM0313-1/2A
3/8	0.375	9.53	011A	A3/8W/RA	DM0375-1/2A
7/16	0.437	11.10	014A	A7/16W/RA	DM0437-1/2A
1/2	0.500	12.70	1020A	A1/2W/RA	DM0500-1A
9/16	0.562	14.27	020A	A9/16W/RA	DM0562-1A
5/8	0.625	15.88	022A	A5/8W/RA	DM0625-1A
11/16	0.687	17.45	026A	A11/16W/RA	DM0687-1A
3/4	0.750	19.05	028A	A3/4W/RA	DM0750-1A
13/16	0.812	20.62	031A	A13/16W/RA	DM0812-1A
7/8	0.875	22.23	039A	A7/8W/RA	DM0875-1A
15/16	0.937	23.80	040A	A15/16A	DM0937-1A
1	1.000	25.40	041A	A1W/RA	DM1000-1A
1-1/16	1.062	26.97	042A	A1-1/16W/RA	DM1062-1A
1-1/8	1.125	28.58	1040A	A1-1/8A	DM1125-1A
1-3/16	1.187	30.15	045A	A1-3/16W/RA	DM1187-1A
1-1/4	1.250	31.75	048A	A1-1/4A	DM1250-1A
1-5/16	1.312	33.32	051A	A1-5/16W/RA	DM1312-1A
1-3/8	1.375	34.93	052A	A1-3/8A	DM1375-1A
1-7/16	1.437	36.50	053A	A1-7/16A	DM1437-1A
1-1/2	1.500	38.10	055A	A1-1/2A	DM1500-1A
1-9/16	1.562	39.67	055A	A1-9/16A	—
1-5/8	1.625	41.28	056A	A1-5/8A	DM1625-1A
1-11/16	1.687	42.85	057A	A1-11/16A	DM1687-1A
1-3/4	1.750	44.45	059A	A1-3/4A	DM1750-1A
1-13/16	1.812	46.02	060A	—	DM1812-1A
1-7/8	1.875	47.63	062A	A1-7/8A	DM1875-1A
1-15/16	1.937	49.20	063A	—	DM1937-1A
2	2.000	50.80	065A	A2A	DM2000-1A

Plugs



Numbered Series Pages 980 - 981 **BP Series Pages 1006** **TP Metric Series Page 1018** **TSSP Series Page 1016** **SF Series Page 1012**

Your Application					
Thread Size	Numbered Series	BP Series	TP Metric	TSSP Series	SF Series
M6	002A	BP1012A	—	—	—
M8 x 1	005A	BP1018A	12011A	462836A	—
M10 x 1	007A	BP1026A	12012A	462837A	10530A
M12 x 1	010A	BP1038A	12013A	—	12363A
M12 x 1.5	009A	BP1034A	12017A	462838A	12363A
M14 x 1.5	012A	BP1044A	12018A	462839A	12363A
M16 x 1.5	015A	BP1056A	12019A	462840A	12364A
M18 x 1.5	018A	BP1060A	10458A	462841A	10314B
M20 x 1.5	022A	BP1068A	12020A	462842A	12365A
M22 x 1.5	026A	BP1074A	10128A	462843A	12366A
M24 x 1.5	028A	BP1086A	12021A	—	12621A
M26 x 1.5	030A	BP1092A	12023A	—	12367A
M27	035A	BP1100A	—	—	—
M28	040A	BP1102A	—	—	12368A
M30	041A	BP1106A	—	—	—
M32	044A	BP1112A	—	—	12369A
M33	044A	BP1114A	—	—	—
M36 x 2	045A	BP1116A	—	—	12622A
M38	048A	BP1126A	—	—	—
M42 x 2	053A	BP1134A	—	—	12598A
M52 x 2	1080A	BP1142A	—	—	—

Non-Threaded Holes

Plugs



Numbered Series Pages 980 - 981 **FT Series Page 1006** **CP Series Page 1007**

T0 Fit OD			Numbered Series	FT Series	CP Series
In	Dec	mm			
1/8	0.125	3.17	001A	10874A	—
3/16	0.187	4.75	1000A	12665A	—
1/4	0.250	6.35	003A	12667A	CP4A
5/16	0.312	7.92	006A	12668A	CP6A
3/8	0.375	9.53	008A	12670A	CP8A
7/16	0.437	11.10	010A	12671A	CP10A
1/2	0.500	12.70	012A	12673A	CP12A
9/16	0.562	14.27	014A	12675A	CP14A
5/8	0.625	15.88	017A	12677A	CP16A
11/16	0.687	17.45	020A	12679A	CP19A
3/4	0.750	19.05	023A	12680A	CP23A
13/16	0.812	20.62	026A	12683A	CP24A
7/8	0.875	22.23	028A	12684A	CP29A
15/16	0.937	23.80	030A	12686A	CP31A
1	1.000	25.40	035A	12688A	CP35A
1-1/16	1.062	26.97	040A	12689A	CP37A
1-1/8	1.125	28.58	041A	12691A	CP40A
1-3/16	1.187	30.15	042A	12692A	CP42A
1-1/4	1.250	31.75	044A	—	CP44A
1-5/16	1.312	33.32	045A	—	CP46A
1-3/8	1.375	34.93	1055A	—	CP49A
1-7/16	1.437	36.50	048A	—	CP49A
1-1/2	1.500	38.10	051A	—	CP51A
1-9/16	1.562	39.67	052A	12693A	CP55A
1-5/8	1.625	41.28	055A	—	CP56A
1-11/16	1.687	42.85	056A	—	CP56A
1-3/4	1.750	44.45	1065A	—	CP59A
1-13/16	1.812	46.02	057A	12694A	CP59A
1-7/8	1.875	47.63	1070A	—	CP57A
1-15/16	1.937	49.20	1075A	—	CP57A
2	2.000	50.80	1080A	—	—

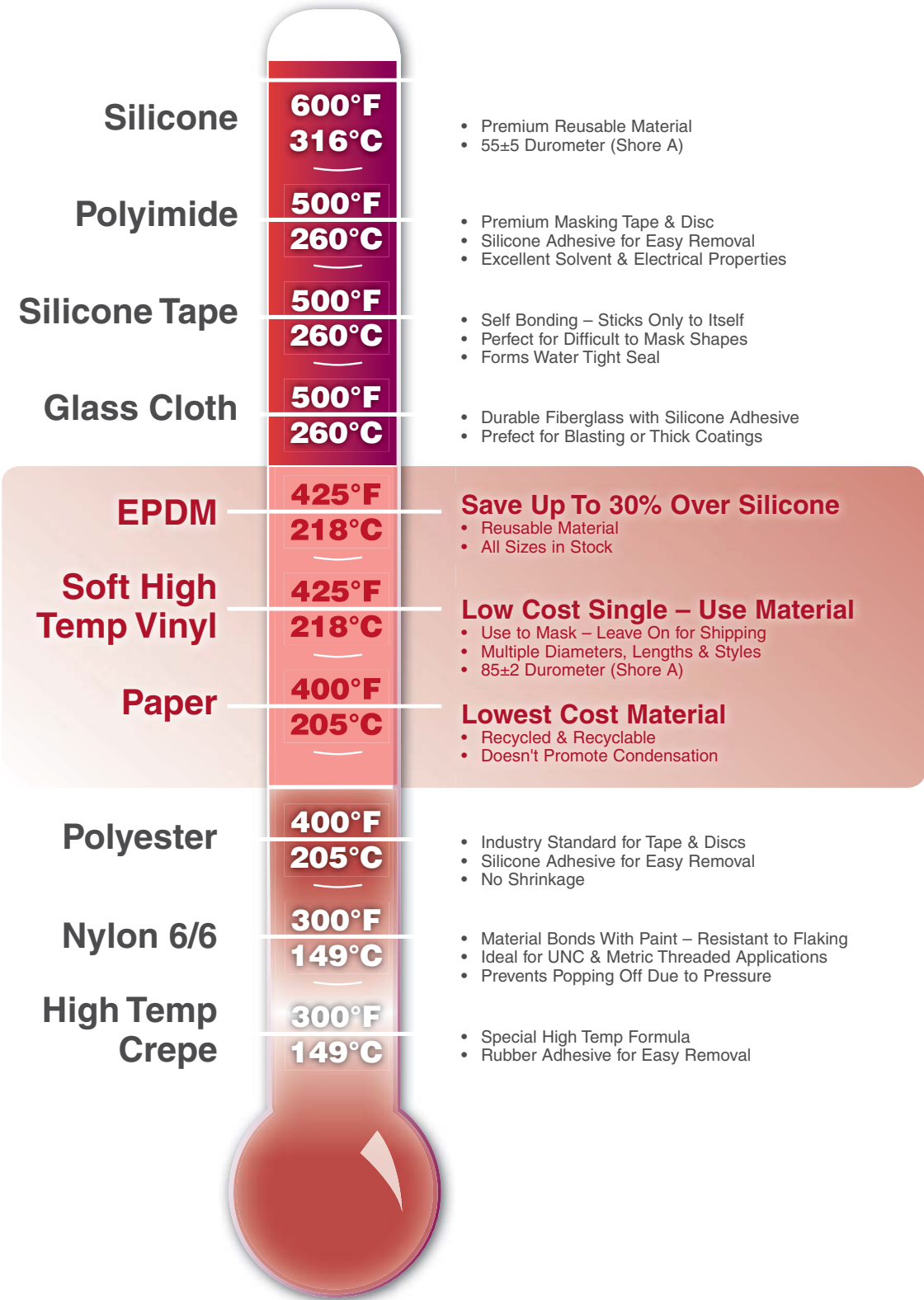
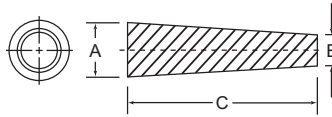


Chart is a guide for typical applications for masking products. Due to the number of variables in each process, some products may not work for the application shown above, we recommend sampling to ensure. Material data contained in this chart is for reference only. Essentra Components reserves the right to change this information at any time without notification. Please consult factory for more information.

*Silicone & EPDM products can be used above rated temp in some applications.



STP Series Tapered Masking Plugs



Specifications:

- Natural Silicone (Temp Range: 600°F/316°C) Durometer (Shore A) 55 ± 5
• Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 50 ± 5

Features:

- Plugs threaded or unthreaded holes
• Silicone: premium masking material (due to high temperature rating) can be used multiple times
• EPDM: a more economical material with slightly reduced heat resistance, but superior chemical resistance. Also reusable
• Applications: powder coating, e-coating, plating and anodizing

To Assure Proper Fit and Easy Handling:

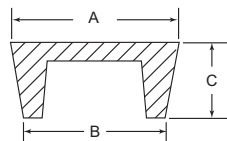


We suggest that you select "A" dimension to be approximately 15% larger than the hole diameter

Table with columns: Item No., Silicene, EPDM, Plugs Std Thread (UNC, M), A (In, mm), B (In, mm), C (In, mm), Pack Qty., Bulk Pack Qty. Lists various plug models and their dimensions.



HSTP Series
Hollow Tapered Masking Plugs



Specifications:

- Natural Silicone (Temp Range: 600°F/316°C) Durometer (Shore A) 55 ± 5
- Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 50 ± 5

Features:

- Plugs threaded or unthreaded holes
- Hollow cores provide economical solution for large diameter holes
- Hollow core aids compression for improved sealing
- Silicone: premium masking material (due to high temperature rating) can be used multiple times
- EPDM: a more economical material with slightly reduced heat resistance, but superior chemical resistance. Also reusable
- Applications: powder coating, e-coating, plating and anodizing

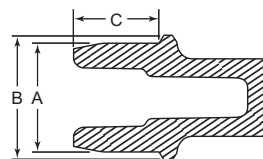
To Assure Proper Fit and Easy Handling:



We suggest that you select "A" dimension to be approximately 15% larger than the hole diameter

Item No.		A		B		C		Pack Qty.	Bulk Pack Qty.
Silicone	EPDM	In	mm	In	mm	In	mm		
HSTP079106A	HSTP079106C	1.061	27.0	0.797	20.3	1.000	25.4	1	200
HSTP109118A	HSTP109118C	1.181	30.0	1.094	27.8	1.000	25.4	1	50
HSTP118145A	HSTP118145C	1.456	37.0	1.180	30.0	1.000	25.4	1	50
HSTP122153A	HSTP122153C	1.535	39.0	1.220	31.0	1.000	25.4	1	50
HSTP130161A	HSTP130161C	1.614	41.0	1.300	33.0	1.000	25.4	1	50
HSTP141169A	HSTP141169C	1.693	43.0	1.417	36.0	1.000	25.4	1	50
HSTP145177A	HSTP145177C	1.772	45.0	1.457	37.0	1.000	25.4	1	50
HSTP149181A	HSTP149181C	1.810	46.0	1.496	38.0	1.000	25.4	1	50
HSTP165196A	HSTP165196C	1.968	50.0	1.653	42.0	1.000	25.4	1	25
HSTP177208A	HSTP177208C	2.086	53.0	1.770	45.0	1.000	25.4	1	25
HSTP189220A	HSTP189220C	2.203	56.0	1.890	48.0	1.000	25.4	1	25
HSTP196248A	HSTP196248C	2.480	63.0	1.968	50.0	1.000	25.4	1	25
HSTP212252A	HSTP212252C	2.520	64.0	2.125	54.0	1.000	25.4	1	25
HSTP228267A	HSTP228267C	2.677	68.0	2.283	58.0	1.000	25.4	1	25
HSTP244295A	HSTP244295C	2.953	75.0	2.440	62.0	1.377	35.0	1	25
HSTP295354A	HSTP295354D	3.543	90.0	2.953	75.0	1.535	39.0	1	25
HSTP326405A	HSTP326405C	4.055	103.0	3.267	83.0	1.535	39.0	1	20
HSTP354500A	HSTP354500C	5.000	127.0	3.543	90.0	1.968	50.0	1	10

SPFT Series
Plugs with First-Thread Protection



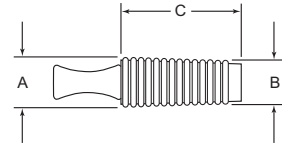
Specifications:

- Natural Silicone (Temp Range: 600°F/316°C) Durometer (Shore A) 55 ± 5
- Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 50 ± 5

Features:

- Provides masking to the first thread of standard female threads
- Ergonomically-friendly pull tab for simple installation and removal
- Silicone: premium masking material (due to high temperature rating) can be used multiple times
- EPDM: a more economical material with slightly reduced heat resistance, but superior chemical resistance. Also reusable

Item No.		Thread Size		A		B		C		Pack Qty.	Bulk Pack Qty.
Silicone	EPDM	UNC	M	In	mm	In	mm	In	mm		
SPFT1/4A	SPFT1/4B	1/4-20	—	0.218	5.5	0.260	6.6	0.200	5.1	1	500
SPFT5/16A	SPFT5/16B	5/16-18	—	0.278	7.1	0.320	8.1	0.200	5.1	1	500
SPFT3/8A	SPFT3/8B	3/8-16	—	0.340	8.6	0.420	10.7	0.260	6.6	1	250
SPFT7/16A	SPFT7/16B	7/16-14	—	0.392	10.0	0.440	11.2	0.350	8.9	1	250
SPFT1/2A	SPFT1/2B	1/2-13	—	0.451	11.5	0.510	13.0	0.350	8.9	1	250
SPFTM6A	SPFTM6B	—	M6	0.208	5.3	0.248	6.3	0.197	5.0	1	500
SPFTM8A	SPFTM8B	—	M8	0.283	7.2	0.331	8.4	0.197	5.0	1	500
SPFTM10A	SPFTM10B	—	M10	0.358	9.1	0.409	10.4	0.276	7.0	1	250
SPFTM12A	SPFTM12B	—	M12	0.426	10.8	0.489	12.4	0.346	8.8	1	250
SPFTM16A	SPFTM16B	—	M16	0.570	14.5	0.670	17.0	0.450	11.4	1	100
SPFTM20A	SPFTM20B	—	M20	0.724	18.4	0.811	20.6	0.512	13.0	1	100

**SFP Series
Flangeless Tapered Plugs**

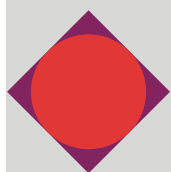
Specifications:

- Natural Silicone (Temp Range: 600°F/316°C) Durometer (Shore A) 55 ± 5
- Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 50 ± 5

Features:

- Protects threaded or unthreaded holes without masking the surrounding areas
- Ergonomically-friendly pull tab allows for easy installation and removal
- Silicone: premium masking material (due to high temperature rating) can be used multiple times
- EPDM: a more economical material with slightly reduced heat resistance, but superior chemical resistance. Also reusable

Item No.		Plug Threads		A		B		C		Pack Qty.	Bulk Pack Qty.
Silicone	EPDM	UN	M	In	mm	In	mm	In	mm		
SFP157236A	SFP157236B	#10 & #12	M4	0.236	6.0	0.157	4.0	1.0	25.4	1	1000
SFP236315A	SFP236315D	1/4 & 5/16	M6	0.315	8.0	0.236	6.0	1.0	25.4	1	1000
SFP315394A	SFP315394C	3/8	M8	0.394	10.0	0.315	8.0	1.0	25.4	1	1000
SFP188415A	SFP188415B	-	-	0.415	10.5	0.188	4.8	1.0	25.4	1	1000
SFP394472A	SFP394472C	7/16	M10	0.472	12.0	0.394	10.0	1.0	25.4	1	500
SFP472551A	SFP472551B	1/2	M12	0.551	14.0	0.472	12.0	1.0	25.4	1	500
SFP551630A	SFP551630C	5/8	M14	0.630	16.0	0.551	14.0	1.0	25.4	1	200
SFP415641A	SFP415641B	-	-	0.641	16.3	0.415	10.5	1.0	25.4	1	500
SFP630709A	SFP630709C	11/16	M16	0.709	18.0	0.630	16.0	1.0	25.4	1	200
SFP709787A	SFP709787C	3/4	M18	0.787	20.0	0.709	18.0	1.0	25.4	1	200
SFP641868A	SFP641868B	-	-	0.868	22.1	0.641	16.3	1.0	25.4	1	200
SFP787886A	SFP787886B	7/8	M20	0.886	22.5	0.787	20.0	1.0	25.4	1	200
SFP886945A	SFP886945C	-	-	0.945	24.0	0.886	22.5	1.0	25.4	1	200
SFP9541024A	SFP9541024B	1	M24	1.024	26.0	0.945	24.0	1.0	25.4	1	100
SFP8681094A	SFP8681094B	-	-	1.094	27.8	0.868	22.1	1.0	25.4	1	100
SFP10241102A	SFP10241102C	-	M25	1.102	28.0	1.024	26.0	1.0	25.4	1	100
SFP10001125A	SFP10001125B	-	-	1.125	28.5	1.000	25.4	1.0	25.4	1	100
SFP10941320A	SFP10941320B	-	-	1.320	33.5	1.094	27.8	1.0	25.4	1	100
SFP11251250A	SFP11251250B	1-1/8	-	1.250	31.8	1.125	28.6	1.0	25.4	1	100
SFP13201547A	SFP13201547B	1-1/2	-	1.547	39.3	1.320	33.5	1.0	25.4	1	100
SFP15471774A	SFP15471774B	1-3/4	-	1.774	45.1	1.547	39.3	1.0	25.4	1	50
SFP17742000A	SFP17742000B	2	M45	2.000	50.8	1.774	45.1	1.0	25.4	1	50

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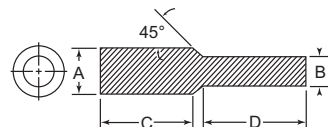
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SPP Series
Straight Pull Plugs for Thru Holes



Specifications:

- Natural Silicone (Temp Range: 600°F/316°C) Durometer (Shore A) 55 ± 5
- Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 50 ± 5

Features:

- Used to mask threaded or unthreaded thru holes
- Used by pulling the thin end thru the hole, stretching the larger end thru the hole then releasing to let it compress and make a tight seal
- Silicone: premium masking material (due to high temperature and chemical resistance) can be used multiple times
- EPDM: a more economical material with reduced heat resistance. Also reusable
- Applications: powder coating, e-coating, plating and anodizing

To Assure Proper Fit:



"A" dimension (major I.D.) must be about 4–10% larger than the thru hole to be plugged as the material will stretch during installation for easy insertion

Item No.		Fits Thru Holes			A		B		C		D		Pack Qty.	Bulk Pack Qty.
Silicone	EPDM	Unthreaded I.D.	UN Thread	M Threads	In	mm	In	mm	In	mm	In	mm		
SPP0062A	SPP0062B	—	0-80	—	0.062	1.6	0.047	1.2	0.375	9.5	0.337	8.6	1	1000
SPP0067A	SPP0067B	—	—	—	0.067	1.7	0.047	1.2	0.625	15.9	0.610	15.5	1	1000
SPP0073A	SPP0073C	1/16	—	M2	0.073	1.9	0.047	1.2	0.612	15.5	0.590	15.0	1	1000
SPP0091A	SPP0091C	—	—	—	0.091	2.3	0.062	1.6	0.625	15.9	0.625	15.9	1	1000
SPP0093A	SPP0093B	—	2-56	—	0.093	2.4	0.062	1.6	0.700	17.8	0.700	17.8	1	1000
SPP0105A	SPP0105C	—	—	M3	0.105	2.7	0.070	1.8	1.000	25.4	1.000	25.4	1	1000
SPP0109A	SPP0109C	—	4-40	—	0.109	2.8	0.062	1.6	1.000	25.4	1.000	25.4	1	1000
SPP0118A	SPP0118C	—	—	—	0.118	3.0	0.082	2.1	1.000	25.4	1.000	25.4	1	1000
SPP0125A	SPP0125B	—	—	—	0.125	3.2	0.082	2.1	0.625	15.9	0.625	15.9	1	500
SPP0130A	SPP0130B	1/8	6-32	—	0.130	3.3	0.082	2.1	0.650	16.5	0.700	17.8	1	1000
SPP0140A	SPP0140C	—	—	M4	0.140	3.6	0.082	2.1	0.625	15.9	0.558	14.2	1	500
SPP0154A	SPP0154B	—	—	—	0.154	3.9	0.082	2.1	0.632	16.1	0.625	15.9	1	500
SPP0156A	SPP0156B	—	8-32	—	0.156	4.0	0.082	2.1	0.625	15.9	0.610	15.5	1	1000
SPP0158A	SPP0158C	—	—	—	0.158	4.0	0.093	2.4	1.250	31.8	1.250	31.8	1	500
SPP0162A	SPP0162C	—	—	—	0.162	4.1	0.093	2.4	0.625	15.9	0.581	14.8	1	1000
SPP0187A	SPP0187C	—	—	—	0.187	4.7	0.110	2.8	0.625	15.9	0.600	15.2	1	1000
SPP0195A	SPP0195B	—	10-32	M5	0.195	5.0	0.110	2.8	0.625	15.9	0.625	15.9	1	500
SPP0197A	SPP0197C	—	—	—	0.197	5.0	0.110	2.8	1.000	25.4	1.000	25.4	1	500
SPP0218A	SPP0218C	3/16	1/4-20	M6	0.218	5.5	0.110	2.8	1.000	25.4	1.000	25.4	1	1000
SPP0225A	SPP0225B	—	—	—	0.225	5.7	0.125	3.2	1.000	25.4	1.000	25.4	1	500
SPP0257A	SPP0257B	1/4	—	—	0.257	6.5	0.130	3.3	1.000	25.4	1.000	25.4	1	500
SPP0275A	SPP0275C	—	5/16-18	M8	0.275	7.0	0.130	3.3	0.937	23.8	0.920	23.4	1	200
SPP0281A	SPP0281C	—	—	—	0.281	7.1	0.138	3.5	1.000	25.4	0.920	23.4	1	200
SPP0312A	SPP0312C	—	—	—	0.312	7.9	0.147	3.7	1.250	31.8	1.250	31.8	1	200
SPP0332A	SPP0332B	5/16	—	—	0.332	8.4	0.250	6.4	0.757	19.2	1.100	27.9	1	200
SPP0335A	SPP0335C	—	—	—	0.335	8.5	0.157	4.0	1.000	25.4	1.000	25.4	1	200
SPP0350A	SPP0350C	—	3/8-16	—	0.350	8.9	0.157	4.0	0.881	22.4	0.925	23.5	1	500
SPP0388A	SPP0388B	3/8	—	M10	0.388	9.9	0.157	4.0	1.000	25.4	1.000	25.4	1	200
SPP0400A	SPP0400C	—	—	—	0.400	10.2	0.191	4.9	1.009	25.6	1.000	25.4	1	200
SPP0414A	SPP0414B	—	—	—	0.414	10.5	0.157	4.0	0.525	13.3	0.755	19.2	1	200
SPP0440A	SPP0440B	—	—	—	0.440	11.2	0.255	6.5	1.000	25.4	0.990	25.2	1	200
SPP0445A	SPP0445C	7/16	1/2-13	M12	0.445	11.3	0.157	4.0	1.000	25.4	1.000	25.4	1	200
SPP0468A	SPP0468C	—	1/2-20	—	0.468	11.9	0.250	6.4	1.000	25.4	1.000	25.4	1	250
SPP0500A	SPP0500B	—	—	—	0.500	12.7	0.250	6.4	1.000	25.4	1.000	25.4	1	200
SPP0510A	SPP0510B	1/2	—	—	0.510	13.0	0.250	6.4	1.000	25.4	0.956	24.3	1	200
SPP0530A	SPP0530B	—	5/8-11	M14	0.530	13.5	0.250	6.4	1.000	25.4	1.000	25.4	1	200
SPP0612A	SPP0612B	—	—	—	0.612	15.5	0.250	6.4	1.000	25.4	1.000	25.4	1	200
SPP0640A	SPP0640C	5/8	3/4-10	—	0.640	16.3	0.375	9.5	1.000	25.4	1.000	25.4	1	100
SPP0700A	SPP0700C	11/16	—	—	0.700	17.8	0.375	9.5	1.250	31.8	1.326	33.7	1	100
SPP0770A	SPP0770C	3/4	—	M20	0.770	19.6	0.375	9.5	1.000	25.4	0.927	23.6	1	100
SPP0896A	SPP0896B	7/8	—	—	0.896	22.8	0.375	9.5	1.000	25.4	1.000	25.4	1	100
SPP1020A	SPP1020B	1	—	—	1.020	25.9	0.375	9.5	1.000	25.4	0.970	24.6	1	100
SPP1380A	SPP1380B	1-3/8	—	—	1.380	35.1	0.500	12.7	1.000	25.4	1.000	25.4	1	100



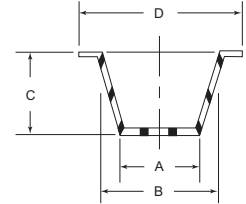
EFTP Series Tapered Paper Plugs

Specifications:

- Temp Rating: 400°F (205°C)
- Color: Tan

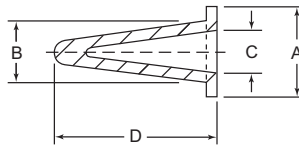
Features:

- Environmentally friendly masking solution: recyclable
- Made of a blend of post consumer and virgin materials
- Paper does not promote condensation
- Economical solution compared to rubber and silicone products
- Applications: painting or powder coating
- Paper is hygroscopic, meaning there will be minor dimensional variations with changes in humidity
- Dimensional tolerances:
A typically +/- 0.010" (0.25mm),
B typically +/- 0.025" (0.63mm),
C & D typically +/- 0.050" (1.27mm)



Item No.	NPT Size	UNC Size	A		B		C		D		Pack Qty.	Bulk Pack Qty.
			In	mm	In	mm	In	mm	In	mm		
EFTP035042A	1/8"	7/16 - 14	0.35	9.0	0.42	10.5	0.34	8.7	0.56	14.3	1	30000
EFTP037047A	—	1/2 - 13	0.37	9.4	0.47	11.9	0.36	9.1	0.63	16.0	1	22000
EFTP046050A	1/4"	9/16 - 12	0.46	11.7	0.50	12.8	0.36	9.2	0.68	17.4	1	18000
EFTP047057A	—	5/8 - 11	0.47	11.9	0.57	14.6	0.42	1.6	0.76	19.3	1	13500
EFTP052064A	—	3/4 - 10	0.52	13.2	0.64	16.1	0.42	1.7	0.87	22.1	1	9000
EFTP058070A	3/8"	—	0.58	14.7	0.70	17.7	0.48	12.2	0.87	22.0	1	16000
EFTP065078A	—	7/8 - 10	0.65	16.5	0.78	19.7	0.45	11.5	1.01	25.5	1	13000
EFTP068082A	1/2"	—	0.68	17.2	0.82	20.8	0.53	13.5	1.04	26.3	1	10500
EFTP078088A	—	—	0.78	19.8	0.88	22.3	0.58	14.8	1.18	30.0	1	7200
EFTP086095A	—	1-8	0.86	21.8	0.95	24.1	0.69	17.5	1.29	32.9	1	5000
EFTP092111A	3/4"	1-1/8 - 7	0.92	23.3	1.11	28.3	0.54	13.8	1.38	35.0	1	6200
EFTP100124A	—	1-3/8 - 6	1.00	25.4	1.24	31.4	0.76	19.3	1.53	38.8	1	3500
EFTP118144A	1"	1-1/2 - 6	1.18	29.8	1.44	36.5	0.64	16.1	1.73	44.0	1	5000
EFTP136160A	—	1-3/4 - 5	1.36	34.6	1.60	40.7	0.58	14.6	1.88	47.8	1	4700
EFTP150178A	1-1/4"	—	1.50	38.0	1.78	45.1	0.69	17.5	2.12	53.8	1	3000
EFTP173206A	1-1/2"	2 - 4-1/2	1.73	43.8	2.06	52.4	0.68	17.2	2.43	61.7	1	2700
EFTP188221A	—	2-1/4 - 4-1/2	1.88	47.6	2.21	56.1	0.70	17.8	2.7	68.6	1	2200
EFTP198230A	—	2-1/2 - 4	1.98	50.2	2.30	58.4	1.03	26.1	2.92	74.2	1	1200
EFTP222250A	2"	—	2.22	56.3	2.50	63.5	0.64	16.3	2.93	74.5	1	1800
EFTP264315A	2-1/2"	—	2.64	67.0	3.15	79.9	0.75	19.1	3.57	90.7	1	1300
EFTP328360A	3"	—	3.28	83.2	3.60	91.4	0.74	18.7	4.09	103.9	1	1000

SCON Series Tapered Flexible Cone Plugs



Specifications:

- Natural Silicone (Temp Range: 600°F/316°C) Durometer (Shore A) 55 ± 5
- Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 50 ± 5

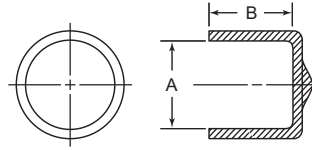
Features:

- The tapered cone design allows the part to plug multiple inner diameters or cap multiple outside diameters
- Silicone: premium masking material (due to high temperature rating) can be used multiple times
- EPDM: a more economical material with slightly reduced heat resistance, but superior chemical resistance. Also reusable

Item No.	Item No.	A		B		C		D		Pack Qty.	Bulk Pack Qty.
		Silicone	EPDM	In	mm	In	mm	In	mm		
SCON250130A	SCON250130B	0.500	12.7	0.250	6.3	0.130	3.3	0.906	23.0	1	1000
SCON316216A	SCON316216B	0.500	12.7	0.316	8.0	0.216	5.5	1.000	25.4	1	1000
SCON335177A	SCON335177C	0.625	15.9	0.335	8.5	0.177	4.5	1.000	25.4	1	1000
SCON394197A	SCON394197B	0.650	16.5	0.394	10.0	0.197	5.0	1.102	27.0	1	1000
SCON400230A	SCON400230B	0.635	16.1	0.400	10.2	0.230	5.8	1.100	27.9	1	1000
SCON551315A	SCON551315C	0.750	19.1	0.551	13.0	0.315	8.0	1.417	35.0	1	1000
SCON689453A	SCON689453C	0.980	24.9	0.689	17.5	0.453	11.5	1.500	38.1	1	250
SCON767532A	SCON767532B	1.100	27.9	0.767	19.5	0.532	13.5	2.009	51.0	1	200
SCON819583A	SCON819583C	1.000	25.4	0.819	20.8	0.583	14.8	1.929	48.0	1	200
SCON866630A	SCON866630C	1.220	30.0	0.866	21.0	0.630	16.0	2.087	53.0	1	200



DM(HT) Series
High Temperature Vinyl Caps

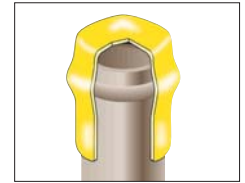


Specifications:

- High-Temperature Soft PVC Vinyl 425°F (218°C)
- Color: Yellow
- Hardness: Durameter of 85 +/-2
- Alternative Material: Standard Black Vinyl available (See pages 988 - 989)

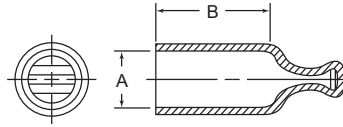
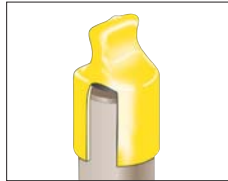
Features:

- Excellent chemical resistance
- Economical solution for one-time uses
- Applications: powder and e-coating, plating, and general paint lines



A = To Fit		Item No.				Bulk Pack Qty.		
		Length of Cap (B Dimension)						
in	mm	1/2" (12.70 mm)	1" (24.4 mm)	1-1/2" (38.1 mm)	Pack Qty.	1/2"	1"	1-1/2"
0.078	2.0	DM0080-1/2B	DM0080-1B	—	1	5000	5000	—
0.094	2.4	DM0093-1/2C	DM0093-1B	—	1	5000	5000	—
0.109	2.8	DM0110-1/2C	DM0110-1C	—	1	5000	5000	—
0.125	3.2	DM0125-1/2D	DM0125-1D	—	1	5000	5000	—
0.141	3.6	DM0140-1/2D	DM0140-1C	DM0140-1-1/2B	1	5000	5000	5000
0.148	3.8	DM0148-1/2B	DM0148-1B	DM0148-1-1/2B	1	5000	5000	5000
0.156	4.0	DM0156-1/2E	DM0156-1C	DM0156-1-1/2B	1	5000	5000	5000
0.172	4.4	DM0172-1/2D	DM0172-1C	DM0172-1-1/2B	1	5000	5000	5000
0.180	4.6	DM0180-1/2B	DM0180-1C	DM0180-1-1/2B	1	5000	5000	5000
0.187	4.8	DM0187-1/2C	DM0187-1E	DM0187-1-1/2B	1	5000	5000	5000
0.203	5.2	DM0203-1/2C	DM0203-1B	DM0203-1-1/2B	1	5000	5000	5000
0.207	5.3	DM0207-1/2G	DM0207-1B	DM0207-1-1/2C	1	5000	5000	5000
0.218	5.5	DM0218-1/2B	DM0218-1B	DM0218-1-1/2B	1	5000	5000	5000
0.224	5.7	DM0224-1/2B	DM0224-1B	DM0224-1-1/2B	1	5000	5000	5000
0.230	5.8	DM0230-1/2B	DM0230-1C	DM0230-1-1/2B	1	5000	7500	5000
0.234	6.0	DM0234-1/2D	DM0234-1D	DM0234-1-1/2C	1	5000	5000	3000
0.240	6.1	DM0240-1/2E	DM0240-1C	DM0240-1-1/2C	1	5000	5000	5000
0.250	6.4	DM0250-1/2E	DM0250-1D	DM0250-1-1/2B	1	5000	5000	5000
0.281	7.1	DM0281-1/2D	DM0281-1C	DM0281-1-1/2C	1	5000	5000	5000
0.290	7.4	DM0290-1/2B	DM0290-1B	DM0290-1-1/2B	1	5000	5000	5000
0.304	7.7	DM0304-1/2B	DM0304-1C	DM0304-1-1/2B	1	5000	5000	2500
0.313	7.9	DM0313-1/2E	DM0313-1F	DM0313-1-1/2C	1	5000	5000	4000
0.343	8.7	DM0343-1/2C	DM0343-1C	DM0343-1-1/2B	1	5000	5000	4000
0.360	9.1	DM0360-1/2B	DM0360-1C	DM0360-1-1/2B	1	5000	5000	2500
0.375	9.5	DM0375-1/2D	DM0375-1F	DM0375-1-1/2D	1	5000	5000	2500
0.406	10.3	DM0406-1/2C	DM0406-1E	DM0406-1-1/2E	1	5000	5000	5000
0.437	11.1	DM0437-1/2J	DM0437-1E	DM0437-1-1/2E	1	5000	5000	4000
0.460	11.7	DM0460-1/2B	DM0460-1B	DM0460-1-1/2B	1	5000	3000	1500
0.470	11.9	DM0470-1/2C	DM0470-1D	DM0470-1-1/2E	1	5000	5000	3000
0.490	12.5	DM0490-1/2B	DM0490-1B	DM0490-1-1/2B	1	5000	3000	1500
0.500	12.7	DM0500-1/2F	DM0500-1E	DM0500-1-1/2F	1	5000	5000	2500
0.523	13.3	DM0523-1/2B	DM0523-1B	DM0523-1-1/2B	1	5000	2500	2500
0.531	13.5	DM0531-1/2D	DM0531-1C	DM0531-1-1/2C	1	5000	5000	2500
0.544	13.8	DM0544-1/2B	DM0544-1C	DM0544-1-1/2C	1	5000	5000	2500
0.562	14.3	DM0562-1/2F	DM0562-1D	DM0562-1-1/2E	1	5000	2500	3000
0.587	14.9	DM0587-1/2B	DM0587-1B	DM0587-1-1/2B	1	5000	2500	1200
0.600	15.2	DM0600-1/2B	DM0600-1B	DM0600-1-1/2B	1	5000	2000	1200
0.625	15.9	DM0625-1/2E	DM0625-1F	DM0625-1-1/2E	1	5000	2500	1250
0.640	16.3	DM0640-1/2B	DM0640-1B	DM0640-1-1/2B	1	5000	5000	2500
0.665	16.9	DM0665-1/2B	DM0665-1B	DM0665-1-1/2B	1	5000	2500	2500
0.687	17.5	DM0687-1/2D	DM0687-1E	DM0687-1-1/2B	1	5000	2500	1500
0.725	18.4	DM0725-1/2B	DM0725-1B	DM0725-1-1/2B	1	5000	2500	1000
0.750	19.1	DM0750-1/2F	DM0750-1F	DM0750-1-1/2D	1	5000	2500	500
0.812	20.6	DM0812-1/2E	DM0812-1D	DM0812-1-1/2D	1	2500	2500	1000
0.843	21.4	DM0843-1/2B	DM0843-1B	DM0843-1-1/2B	1	5000	2500	1200
0.875	22.2	DM0875-1/2D	DM0875-1E	DM0875-1-1/2B	1	5000	2500	1250
0.937	23.8	DM0937-1/2C	DM0937-1J	DM0937-1-1/2C	1	2500	2500	1000
0.985	25.0	DM0985-1/2B	DM0985-1B	DM0985-1-1/2B	1	2500	1500	1250
1.000	25.4	DM1000-1/2D	DM1000-1E	DM1000-1-1/2F	1	2500	2000	1250
1.062	27.0	DM1062-1/2D	DM1062-1E	DM1062-1-1/2B	1	3000	1500	1250
1.090	27.7	DM1090-1/2B	DM1090-1B	DM1090-1-1/2B	1	2000	1000	500
1.125	28.6	DM1125-1/2B	DM1125-1D	DM1125-1-1/2C	1	1000	1000	500
1.187	30.2	DM1187-1/2B	DM1187-1B	DM1187-1-1/2B	1	2500	1000	1000

A = To Fit		Item No.				Bulk Pack Qty.		
		Length of Cap (B Dimension)						
in	mm	1/2" (12.70 mm)	1" (24.4 mm)	1-1/2" (38.1 mm)	Pack Qty.	1/2"	1"	1-1/2"
1.250	31.8	DM1250-1/2C	DM1250-1D	DM1250-1-1/2C	1	2500	1000	700
1.312	33.3	DM1312-1/2B	DM1312-1B	DM1312-1-1/2B	1	2000	1000	500
1.375	34.9	DM1375-1/2B	DM1375-1D	DM1375-1-1/2E	1	2000	1000	650
1.437	36.5	DM1437-1/2B	DM1437-1B	DM1437-1-1/2B	1	1000	1000	600
1.500	38.1	DM1500-1/2C	DM1500-1E	DM1500-1-1/2C	1	1000	1000	600
1.593	40.5	DM1593-1/2B	DM1593-1B	DM1593-1-1/2B	1	1700	1000	500
1.625	41.3	DM1625-1/2D	DM1625-1H	DM1625-1-1/2B	1	500	750	500
1.687	42.9	DM1687-1/2B	DM1687-1B	DM1687-1-1/2B	1	1000	500	400
1.750	44.5	DM1750-1/2C	DM1750-1D	DM1750-1-1/2E	1	1000	500	500
1.812	46.0	DM1812-1/2B	DM1812-1B	DM1812-1-1/2B	1	1000	500	400
1.875	47.6	DM1875-1/2C	DM1875-1D	DM1875-1-1/2F	1	700	625	400
1.937	49.2	DM1937-1/2B	DM1937-1B	DM1937-1-1/2B	1	1000	550	400
2.000	50.8	DM2000-1/2C	DM2000-1E	DM2000-1-1/2E	1	1000	550	400
2.125	54.0	DM2125-1/2B	DM2125-1B	DM2125-1-1/2B	1	500	400	300
2.156	54.8	DM2156-1/2B	DM2156-1B	DM2156-1-1/2B	1	1000	550	250
2.250	57.2	DM2250-1/2B	DM2250-1C	DM2250-1-1/2B	1	250	500	300
2.375	60.3	DM2375-1/2B	DM2375-1C	DM2375-1-1/2C	1	500	350	250
2.460	62.5	DM2460-1/2B	DM2460-1B	DM2460-1-1/2B	1	1000	350	200
2.500	63.5	DM2500-1/2C	DM2500-1B	DM2500-1-1/2B	1	500	300	200
2.625	66.7	DM2625-1/2B	DM2625-1B	DM2625-1-1/2D	1	500	250	250
2.687	68.3	DM2687-1/2B	DM2687-1B	DM2687-1-1/2B	1	400	250	200
2.750	69.9	DM2750-1/2B	DM2750-1B	DM2750-1-1/2B	1	500	250	250
2.875	73.0	DM2875-1/2B	DM2875-1B	DM2875-1-1/2B	1	500	250	200
3.000	76.2	DM3000-1/2B	DM3000-1D	DM3000-1-1/2B	1	500	300	200
3.125	79.4	—	DM3125-1B	DM3125-1-1/2B	1	—	250	150
3.250	82.6	—	DM3250-1B	DM3250-1-1/2B	1	—	100	100
3.375	85.7	—	DM3375-1B	DM3375-1-1/2B	1	—	200	150
3.500	88.9	—	DM3500-1B	DM3500-1-1/2B	1	—	175	100
3.625	92.1	—	DM3625-1B	DM3625-1-1/2B	1	—	150	100
3.750	95.3	—	DM3750-1B	DM3750-1-1/2B	1	—	100	100
3.825	97.2	—	DM3825-1C	DM3825-1-1/2B	1	—	150	100
3.875	98.4	—	DM3875-1B	DM3875-1-1/2B	1	—	100	100
4.000	101.6	—	DM4000-1B	DM4000-1-1/2B	1	—	150	100
4.125	104.8	—	DM4125-1B	DM4125-1-1/2B	1	—	100	100
4.187	106.3	—	DM4187-1B	DM4187-1-1/2B	1	—	100	100
4.250	108.0	—	DM4250-1B	DM4250-1-1/2B	1	—	150	100
4.375	111.1	—	DM4375-1B	DM4375-1-1/2B	1	—	100	50
4.500	114.3	—	DM4500-1B	DM4500-1-1/2B	1	—	150	75
4.750	120.7	—	DM4750-1B	DM4750-1-1/2B	1	—	85	100
5.000	127.0	—	DM5000-1C	DM5000-1-1/2B	1	—	125	50
5.187	131.7	—	DM5187-1B	DM5187-1-1/2B	1	—	50	50
5.375	136.5	—	DM5375-1B	DM5375-1-1/2B	1	—	100	50
5.500	139.7	—	DM5500-1B	DM5500-1-1/2B	1	—	50	50
5.750	146.1	—	DM5750-1B	DM5750-1-1/2B	1	—	50	50
6.000	152.4	—	DM6000-1B	DM6000-1-1/2B	1	—	50	50
6.250	158.8	—	DM6250-1B	DM6250-1-1/2B	1	—	50	50
6.500	165.1	—	DM6500-1B	DM6500-1-1/2B	1	—	50	50
6.750	171.5	—	DM6750-1B	DM6750-1-1/2B	1	—	25	50
7.000	177.8	—	DM7000-1B	DM7000-1-1/2B	1	—	25	25
7.250	184.2	—	DM7250-1B	DM7250-1-1/2B	1	—	50	50
7.500	190.5	—	DM7500-1B	DM7500-1-1/2B	1	—	50	25
7.750	196.9	—	DM7750-1B	DM7750-1-1/2B	1	—	50	50
8.000	203.2	—	DM8000-1B	DM8000-1-1/2B	1	—	50	25

**DMPC(HT) Series**
High Temperature Vinyl Pull Caps

A = To Fit		Item No. by Length of Cap (B Dimension)			Bulk Pack Qty.			
in	mm	1/2" (12.70 mm)	1" (24.4 mm)	1-1/2" (38.1 mm)	Pack Qty.	1/2"	1"	1-1/2"
0.187	4.8	DMPC0180-1/2B	DMPC0180-1B	—	1	5000	5000	—
0.218	5.5	DMPC0207-1/2D	DMPC0207-1D	—	1	5000	5000	—
0.250	6.4	DMPC0240-1/2E	DMPC0240-1C	—	1	5000	5000	—
0.313	7.9	DMPC0302-1/2G	DMPC0302-1D	DMPC0302-1-1/2B	1	7500	5000	2500
0.320	8.1	DMPC0320-1/2B	DMPC0320-1B	DMPC0320-1-1/2B	1	5000	5000	2500
0.343	8.7	DMPC0343-1/2B	DMPC0343-1B	DMPC0343-1-1/2B	1	5000	3000	2500
0.375	9.5	DMPC0365-1/2E	DMPC0365-1G	DMPC0365-1-1/2B	1	5000	3000	2000
0.406	10.3	DMPC0396-1/2G	DMPC0396-1D	DMPC0396-1-1/2B	1	5000	5000	2500
0.420	10.7	DMPC0420-1/2B	DMPC0420-1B	DMPC0420-1-1/2B	1	5000	5000	2500
0.437	11.1	DMPC0427-1/2F	DMPC0427-1G	DMPC0427-1-1/2C	1	5000	4000	2500
0.450	11.4	DMPC0450-1/2B	DMPC0450-1B	DMPC0450-1-1/2B	1	5000	4000	2500
0.472	12.0	DMPC0470-1/2C	DMPC0470-1D	DMPC0470-1-1/2C	1	5000	4000	2500
0.500	12.7	DMPC0490-1/2D	DMPC0490-1F	DMPC0490-1-1/2D	1	5000	4000	2000
0.531	13.5	DMPC0521-1/2C	DMPC0521-1C	DMPC0521-1-1/2B	1	5000	4000	2500
0.562	14.3	DMPC0552-1/2D	DMPC0552-1C	DMPC0552-1-1/2B	1	2500	2500	2500
0.593	15.1	DMPC0590-1/2C	DMPC0590-1F	DMPC0590-1-1/2B	1	2500	1900	1500
0.600	15.2	DMPC0600-1/2D	DMPC0600-1C	DMPC0600-1-1/2B	1	5000	2500	2500
0.625	15.9	DMPC0625-1/2C	DMPC0625-1F	DMPC0625-1-1/2D	1	2500	1350	1500
0.655	16.6	DMPC0655-1/2D	DMPC0655-1D	DMPC0655-1-1/2B	1	2000	2500	1500
0.677	17.2	DMPC0677-1/2B	DMPC0677-1C	DMPC0677-1-1/2B	1	5000	2500	1500
0.687	17.5	DMPC0687-1/2G	DMPC0687-1E	DMPC0687-1-1/2B	1	2500	2000	1500
0.708	18.0	DMPC0708-1/2B	DMPC0708-1B	DMPC0708-1-1/2B	1	2500	2000	1500
0.750	19.1	DMPC0740-1/2C	DMPC0740-1D	DMPC0740-1-1/2C	1	4000	2500	1500
0.812	20.6	DMPC0812-1/2D	DMPC0812-1D	DMPC0812-1-1/2C	1	2500	2000	750
0.875	22.2	DMPC0865-1/2D	DMPC0865-1B	DMPC0865-1-1/2B	1	1500	1500	750
0.937	23.8	DMPC0937-1/2B	DMPC0937-1B	DMPC0937-1-1/2B	1	1500	1500	750
1.000	25.4	DMPC0990-1/2B	DMPC0990-1B	DMPC0990-1-1/2B	1	1500	1500	750
1.060	26.9	—	DMPC1060-1D	DMPC1060-1-1/2B	1	—	1000	700
1.125	28.6	—	DMPC1125-1B	DMPC1125-1-1/2B	1	—	1000	700
1.230	31.8	—	DMPC1230-1B	DMPC1230-1-1/2B	1	—	1000	700
1.500	38.1	—	DMPC1500-1B	DMPC1500-1-1/2B	1	—	700	250
1.605	41.3	—	DMPC1605-1B	DMPC1605-1-1/2C	1	—	550	350

Specifications:

- High-Temperature Soft PVC Vinyl 425°F (218°C)
- Color: Yellow
- Hardness: Durameter of 85 +/-2
- Alternative Material: Standard Black Lower Temp Vinyl available (See pages 988 - 989)

Features:

- Ergonomic finger pull tab for easy removal
- Excellent chemical resistance
- Economical solution for one-time uses
- Applications: powder and e-coating, plating, and general paint lines

EFTC Series
Tapered Paper Caps

Specifications:

- Temp Rating: 400°F (205°C)
- Color: Tan

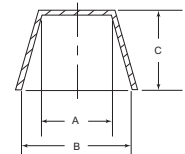
Features:

- Environmentally friendly masking solution: recyclable
- Made of a blend of post consumer and virgin materials
- Paper does not promote condensation
- Economical solution compared to rubber and silicone products
- Applications: painting or powder coating
- Paper is hygroscopic, meaning there will be minor dimensional variations with changes in humidity
- Dimensional Tolerances:

A typically +/- 0.010" (0.25mm),

B typically +/- 0.025" (0.63mm),

C typically +/- 0.050" (1.27mm)

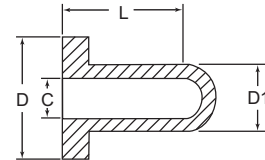


Item No.	NPT Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
EFTC035040A	1/8"	0.35	9.0	0.4	10.1	0.40	10.1	1	25000
EFTC047049A	1/4"	0.47	11.9	0.49	12.4	0.53	13.5	1	12000
EFTC048075A	—	0.48	12.3	0.75	19.0	0.88	22.4	1	5800
EFTC065065A	3/8"	0.65	16.5	0.65	16.5	0.52	13.1	1	16000
EFTC078083A	1/2"	0.78	19.7	0.83	21.2	0.77	19.5	1	7000
EFTC081095A	—	0.81	20.6	0.95	24.2	0.84	21.2	1	5500
EFTC087105A	—	0.87	22.1	1.05	26.7	0.66	16.7	1	6200
EFTC095108A	3/4"	0.95	24.1	1.08	27.3	0.89	22.5	1	4000
EFTC113130A	—	1.13	28.6	1.3	33.0	0.72	18.2	1	3500
EFTC126127A	1"	1.27	32.2	1.26	32.0	1.00	25.3	1	3300

Item No.	NPT Size	A		B		C		Pack Qty.	Bulk Pack Qty.
		In	mm	In	mm	In	mm		
EFTC131152A	—	1.31	33.3	1.52	38.6	0.70	17.8	1	3200
EFTC145162A	—	1.45	36.7	1.62	41.2	0.81	20.6	1	3000
EFTC162169A	1-1/4"	1.62	41.0	1.69	42.8	0.85	21.5	1	2700
EFTC168201A	—	1.68	42.5	2.01	51.1	0.72	18.3	1	2500
EFTC183189A	1-1/2"	1.83	46.4	1.89	48.0	0.94	23.9	1	1800
EFTC233234A	2"	2.33	59.1	2.34	59.5	0.87	22.0	1	1400
EFTC259285A	—	2.59	65.7	2.85	72.3	0.98	24.9	1	1000
EFTC283285A	2-1/2"	2.83	71.8	2.85	72.3	0.97	24.6	1	800
EFTC332363A	3"	3.32	84.2	3.63	92.2	1.12	28.3	1	500



**WC Series
 Washer Caps**



Specifications:

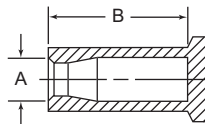
- Natural Silicone (Temp Range : 600°F/ 316°C Durometer (Shore A) 55 + 5
- Black EPDM (Temp Range: 425°F/ 218°C) Durometer (Shore A) 55 + 5

Features:

- Designed as a cap with an added washer to mask off grounding
- Although designed as a cap, can be used to plug holes if inverted

Item No.		Caps Std Threads		C		D		D1		L		Pack Qty.	Bulk Pack Qty.
Silicone	EPDM	UN	M	In	mm	In	mm	In	mm	In	mm		
WC0100050A	WC0100050B	#4	M2.5	0.100	2.5	0.500	12.7	0.225	5.7	1.000	25.4	1	500
WC0125050A	WC0125050B	#6	—	0.125	3.2	0.500	12.7	0.252	6.4	1.000	25.4	1	500
WC0156050A	WC0156050B	#8	M4	0.156	4.0	0.500	12.7	0.315	8.0	1.000	25.4	1	500
WC0172050A	WC0172050B	#10	—	0.172	4.4	0.500	12.7	0.382	9.7	1.000	25.4	1	500
WC0220059A	WC0220059B	—	M6	0.220	5.6	0.590	15.0	0.358	9.1	1.000	25.4	1	500
WC0240050A	WC0240050B	1/4	—	0.240	6.1	0.500	12.7	0.358	9.1	1.000	25.4	1	250
WC0295070A	WC0295070B	5/16	M8	0.295	7.5	1.700	17.8	0.413	10.5	1.000	25.4	1	250
WC0375082A	WC0375082B	3/8	M10	0.375	9.5	0.825	21.0	0.512	13.0	1.500	38.1	1	250
WC0453098A	WC0453098B	—	M12	0.453	11.5	0.984	25.0	0.650	16.5	1.500	38.1	1	250
WC0500100A	WC0500100B	1/2	—	0.500	12.7	1.000	25.4	0.606	15.4	1.000	25.4	1	250
WC0615118A	WC0615118B	5/8	M16	0.615	15.6	1.180	30.0	0.815	20.7	1.500	38.1	1	100

**SCE Series
 Easy Pull Masking Caps**



To Assure Proper Fit Due to Design Features:

Specifications:

- Natural Silicone (Temp Range: 600°F/316°C) Durometer (Shore A) 55 ± 5
- Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 55 ± 5

Caps

I.D. of cap "A" dimension should be approx. 10% smaller than O.D. of part to be masked

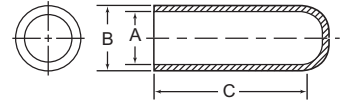
Features:

- Design provides a positive seal with a wide flange allows for easy removal
- Silicone: premium masking material (due to high temperature and chemical resistance) can be used multiple times
- EPDM: a more economical material with reduced heat resistance. Also reusable
- Applications: powder coating, e-coating, plating, anodizing and blasting

Item No.		A		B		Pack Qty.	Bulk Pack Qty.
Silicone	EPDM	In	mm	In	mm		
SCE0125A	SCE0125B	0.125	3.2	2.000	50.8	1	200
SCE0157A	SCE0157B	0.157	4.0	1.180	30.0	1	500
SCE0187A	SCE0187B	0.187	4.7	1.377	34.0	1	1000
SCE0236A	SCE0236B	0.236	6.0	1.180	30.0	1	400
SCE0255A	SCE0255B	0.255	6.5	0.910	23.1	1	500
SCE0255118A	SCE0255118C	0.255	6.5	1.180	30.0	1	250
SCE0294A	SCE0294B	0.294	7.5	1.330	33.8	1	1000
SCE0315A	SCE0315B	0.315	8.0	0.974	24.7	1	250
SCE0315118A	SCE0315118D	0.315	8.0	1.180	30.0	1	250
SCE0355A	SCE0355B	0.355	9.0	1.500	38.1	1	250
SCE0375A	SCE0375B	0.375	9.5	1.421	36.1	1	250

Item No.		A		B		Pack Qty.	Bulk Pack Qty.
Silicone	EPDM	In	mm	In	mm		
SCE0433A*	SCE0433C	0.433	11.0	1.180	30.0	1	500
SCE0438A	SCE0438C	0.438	11.1	0.950	24.1	1	500
SCE0451A	SCE0451B	0.451	11.5	1.215	30.9	1	200
SCE0485A	SCE0485B	0.485	12.3	1.013	25.7	1	500
SCE0492118A	SCE0492118B	0.492	12.5	1.180	30.0	1	200
SCE0531A	SCE0531B	0.531	13.5	1.180	30.0	1	250
SCE0608A	SCE0608B	0.608	15.4	1.180	30.0	1	200
SCE0608099A	SCE0608099B	0.608	15.4	0.990	25.1	1	200
SCE0622A	SCE0622B	0.622	15.8	1.575	40.0	1	200
SCE0725A	SCE0725B	0.725	18.4	1.500	38.1	1	100
SCE0845A	SCE0845B	0.845	21.5	1.500	38.1	1	100

* Has 2nd internal rib near closed end of cap

SC Series
Straight Masking Caps

Specifications:

- Natural Silicone (Temp Range: 600°F/316°C) Durometer (Shore A) 55 ± 5
- Black EPDM (Temp Range: 425°F/218°C) Durometer (Shore A) 55 ± 5

Features:

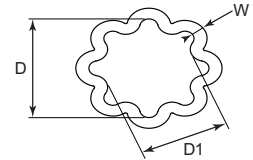
- Excellent sealing due to flexible material
- Masking for studs and tube ends
- Although designed as a cap, they can be used to plug holes if inverted
- Silicone: premium masking material (due to high temperature and chemical resistance) can be used multiple times
- EPDM: a more economical material with reduced heat resistance. Also reusable
- Applications: powder coating, e-coating, plating, anodizing and blasting



Item No.		Caps Std Threads		A		B		C		Pack Qty.	Bulk Pack Qty.
Silicone	EPDM	UNC	M	In	mm	In	mm	In	mm		
SC002005A	SC002005B	—	—	0.020	0.5	0.080	2.0	0.500	12.7	1	1000
SC003505A	SC003505B	—	—	0.035	0.9	0.130	3.3	0.500	12.7	1	1000
SC004007A	SC004007B	—	—	0.040	1.0	0.130	3.3	0.750	19.1	1	1000
SC006207A	SC006207C	—	—	0.062	1.6	0.152	3.9	0.750	19.1	1	1000
SC007010A	SC007010B	2-56	M2	0.070	1.8	0.160	4.1	1.000	25.4	1	1000
SC008007A	SC008007B	—	—	0.080	2.0	0.200	5.1	0.750	19.1	1	1000
SC009307A	SC009307B	3-48	—	0.093	2.4	0.193	4.9	0.750	19.1	1	1000
SC010005A	SC010005B	4-40	—	0.100	2.5	0.200	5.1	0.500	12.7	1	1000
SC010010A	SC010010C	4-40	—	0.100	2.5	0.200	5.1	1.000	25.4	1	1000
SC010907A	SC010907C	5-40	M3	0.109	2.8	0.209	5.3	0.750	19.1	1	1000
SC012510A	SC012510C	6-32	—	0.125	3.2	0.225	5.7	1.000	25.4	1	1000
SC014010A	SC014010C	—	—	0.140	3.6	0.260	6.6	1.000	25.4	1	1000
SC014810A	SC014810C	—	M4	0.148	3.8	0.248	6.3	1.000	25.4	1	1000
SC015605A	SC015605B	8-32	M4	0.156	4.0	0.276	7.0	0.500	12.7	1	1000
SC015610A	SC015610C	8-32	M4	0.156	4.0	0.276	7.0	1.000	25.4	1	1000
SC017205A	SC017205B	10-24	—	0.172	4.4	0.292	7.4	0.500	12.7	1	1000
SC017210A	SC017210B	—	—	0.172	4.4	0.292	7.4	1.000	25.4	1	1000
SC018010A	SC018010C	—	—	0.180	4.6	0.300	7.6	1.000	25.4	1	1000
SC018705A	SC018705B	12-24	M5	0.187	4.7	0.307	7.8	0.500	12.7	1	1000
SC018710A	SC018710B	12-24	M5	0.187	4.7	0.307	7.8	1.000	25.4	1	1000
SC018715A	SC018715B	12-24	M5	0.187	4.7	0.307	7.8	1.500	38.1	1	1000
SC019705A	SC019705B	—	—	0.197	5.0	0.317	8.1	0.500	12.7	1	1000
SC021810A	SC021810B	—	—	0.218	5.5	0.338	8.6	1.000	25.4	1	1000
SC022310A	SC022310B	—	M6	0.223	5.7	0.343	8.7	1.000	25.4	1	1000
SC022315A	SC022315B	—	M6	0.223	5.7	0.343	8.7	1.500	38.1	1	1000
SC023405A	SC023405B	1/4-20	—	0.234	5.9	0.354	9.0	0.500	12.7	1	1000
SC023410A	SC023410C	1/4-20	—	0.234	5.9	0.354	9.0	1.000	25.4	1	1000
SC02341125A	SC02341125B	1/4-20	—	0.234	5.9	0.354	9.0	1.125	28.6	1	1000
SC023415A	SC023415B	1/4-20	—	0.234	5.9	0.354	9.0	1.500	38.1	1	1000
SC025010A	SC025010C	—	—	0.250	6.3	0.370	9.4	1.000	25.4	1	1000
SC025015A	SC025015B	—	—	0.250	6.3	0.370	9.4	1.500	38.1	1	1000
SC028110A	SC028110B	5/16-18	—	0.281	7.1	0.401	10.2	1.000	25.4	1	1000
SC029505A	SC029505B	—	M8	0.295	7.5	0.415	10.5	0.500	12.7	1	1000
SC029510A	SC029510B	—	M8	0.295	7.5	0.415	10.5	1.000	25.4	1	1000
SC029515A	SC029515C	—	M8	0.295	7.5	0.415	10.5	1.500	38.1	1	1000
SC029517A	SC029517B	—	M8	0.295	7.5	0.415	10.5	1.750	44.5	1	1000
SC031210A	SC031210C	—	—	0.312	7.9	0.432	11.0	1.000	25.4	1	1000
SC031215A	SC031215B	—	—	0.312	7.9	0.432	11.0	1.500	38.1	1	1000
SC034010A	SC034010B	—	—	0.340	8.6	0.460	11.7	1.000	25.4	1	1000
SC035515A	SC035515B	3/8-14	—	0.355	9.0	0.475	12.1	1.500	38.1	1	1000
SC037510A	SC037510B	—	M10	0.375	9.5	0.495	12.6	1.000	25.4	1	1000
SC037515A	SC037515C	—	M10	0.375	9.5	0.495	12.6	1.500	38.1	1	500
SC040610A	SC040610B	7/16-14	—	0.406	10.3	0.526	13.4	1.000	25.4	1	200
SC043710A	SC043710B	—	—	0.437	11.1	0.557	14.2	1.000	25.4	1	200
SC045615A	SC045615B	—	M12	0.456	11.6	0.576	14.6	1.500	38.1	1	200
SC046810A	SC046810C	—	—	0.468	11.9	0.588	14.9	1.000	25.4	1	200
SC048015A	SC048015B	1/2-13	—	0.480	12.2	0.600	15.2	1.500	38.1	1	200
SC050015A	SC050015C	—	—	0.500	12.7	0.620	15.8	1.500	38.1	1	200
SC053515A	SC053515B	9/16-12	M14	0.535	13.6	0.655	16.6	1.500	38.1	1	200
SC056215A	SC056215B	—	M15	0.562	14.3	0.682	17.3	1.500	38.1	1	200
SC060015A	SC060015C	5/8-11	M16	0.600	15.2	0.720	18.3	1.500	38.1	1	100
SC062515A	SC062515B	—	M17	0.625	15.9	0.745	18.9	1.500	38.1	1	200
SC062525A	SC062525B	—	M17	0.625	15.9	0.745	18.9	2.500	63.5	1	200
SC068715A	SC068715B	—	—	0.687	17.4	0.807	20.5	1.500	38.1	1	200
SC073015A	SC073015B	3/4-10	M19	0.730	18.5	0.850	21.6	1.500	38.1	1	200
SC075015A	SC075015B	—	—	0.750	19.1	0.870	22.1	1.500	38.1	1	200
SC075035A	SC075035B	—	—	0.750	19.1	0.870	22.1	3.500	88.9	1	200
SC078015A	SC078015B	—	—	0.780	19.8	0.900	22.9	1.500	38.1	1	200
SC081215A	SC081215B	—	—	0.812	20.6	0.932	23.7	1.500	38.1	1	100
SC087515A	SC087515B	—	—	0.875	22.2	0.995	25.3	1.500	38.1	1	100
SC093715A	SC093715B	—	M24	0.937	23.8	1.057	26.9	1.500	38.1	1	100
SC097015A	SC097015B	1-8	M25	0.970	24.6	1.090	27.7	1.500	38.1	1	100
SC100015A	SC100015B	—	M27	1.000	25.4	1.120	28.5	1.500	38.1	1	100
SC106215A	SC106215B	—	—	1.062	26.0	1.182	30.0	1.500	38.1	1	100
SC106220A	SC106220B	—	—	1.062	26.0	1.182	30.0	2.000	50.8	1	100
SC112515A	SC112515B	—	M30	1.125	28.6	1.245	31.6	1.500	38.1	1	100
SC118715A	SC118715B	—	—	1.187	30.1	1.307	33.2	1.500	38.1	1	100
SC125015A	SC125015B	1 1/4-7	M33	1.250	31.8	1.370	34.8	1.500	38.1	1	100
SC135017A	SC135017B	—	—	1.350	34.3	1.470	37.3	1.750	44.4	1	100
SC150017A	SC150017B	1 1/4-7	M39	1.500	38.1	1.620	41.2	1.750	44.4	1	100
SC162520A	SC162520B	—	—	1.625	41.3	1.745	44.3	2.000	50.8	1	50
SC175020A	SC175020B	1 3/4-5	—	1.750	44.4	1.870	47.5	2.000	50.8	1	50
SC187520A	SC187520B	—	—	1.875	47.6	1.995	50.7	2.000	50.8	1	50
SC200020A	SC200020B	2-4 1/2	—	2.000	50.8	2.120	53.9	2.000	50.8	1	50



STFL Series
Flexible Silicone Star Tubing



Specifications:

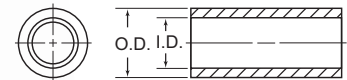
- Silicone 600°F (315°C)

Features:

- Flexible enough for each to fit several ranges
- Fits over threaded studs, unthreaded tubes or irregular shapes

Item No.	Color	D		D1		W		Roll Length		Fits Std Threads
		In	mm	In	mm	In	mm	ft	m	
STFL011020A	Red	0.209	5.3	0.110	2.8	0.060	1.5	100	30.48	4-40, 6-32, 8-32, 10-24, M4, M5
STFL018028A	Yellow	0.287	7.3	0.189	4.8	0.060	1.5	100	30.48	10-24, 12-24, 1/4-20, M5, M6
STFL025037A	Clear	0.374	9.5	0.256	6.5	0.060	1.5	100	30.48	5/16-18, M8
STFL033045A	Blue	0.452	11.5	0.335	8.5	0.060	1.5	100	30.48	3/8-16, M10
STFL042055A	Green	0.551	14.0	0.421	10.7	0.060	1.5	100	30.48	7/16-14, 1/2-13, M12, M14
STFL050062A	Purple	0.625	15.9	0.500	12.7	0.060	1.5	100	30.48	9/16-12, 5/8-11
STFL062075A	Rust	0.750	19.1	0.625	15.9	0.060	1.5	50	15.24	5/8-11, 11/16, M16, M18
STFL072087A	Blue	0.875	22.2	0.725	18.4	0.060	1.5	50	15.24	3/4-10, 7/8-9, M20
STFL085100A	White	1.000	25.4	0.850	21.6	0.060	1.5	50	15.24	1-8, M20, M24, M25

ST Series
Silicone Tubing



Specifications:

- 600°F (315°C) Durometer (Shore A) 55 ± 5
- Material: Silicone
- Color: Natural

Features:

- Excellent solution to fit over longer parts where standard caps are too short (can use with cap if required)
- Masking off thru hole, by utilizing the O.D. of silicone tube and pulling it thru
- Can be cut to required length.
 Note that cutting long creates easy pull tab
- Conforms to irregularities
- Reusable and will not melt or harden
- Applications: powder coating, e-coating, plating and anodizing

Item No.	I.D.		O.D.		Roll Length	
	In	mm	In	mm	Ft	m
ST0040A	0.040	1.0	0.165	4.2	100	30.48
ST0062A	0.062	1.6	0.187	4.8	100	30.48
ST0080A	0.080	2.0	0.205	5.2	100	30.48
ST0093A	0.093	2.4	0.218	5.6	100	30.48
ST0109A	0.109	2.8	0.234	6.0	100	30.48
ST0125A	0.125	3.2	0.250	6.4	100	30.48
ST0140A	0.140	3.6	0.265	6.8	100	30.48
ST0156A	0.156	4.0	0.281	7.2	100	30.48
ST0172A	0.172	4.4	0.297	7.6	100	30.48
ST0187A	0.187	4.7	0.312	7.9	100	30.48
ST0203A	0.203	5.2	0.328	8.4	100	30.48
ST0218A	0.218	5.5	0.343	8.7	100	30.48
ST0234A	0.234	5.9	0.359	9.1	100	30.48
ST0250A	0.250	6.3	0.375	9.5	100	30.48
ST0281A	0.281	7.1	0.406	10.3	50	15.24
ST0312A	0.312	7.9	0.437	11.1	50	15.24
ST0343A	0.343	8.7	0.468	11.9	50	15.24
ST0375A	0.375	9.5	0.500	12.7	50	15.24
ST0406A	0.406	10.3	0.531	13.5	50	15.24
ST0437A	0.437	11.1	0.562	14.3	50	15.24
ST0500A	0.500	12.7	0.625	15.9	50	15.24
ST0625A	0.625	15.9	0.750	19.1	50	15.24
ST0750A	0.750	19.1	0.875	22.3	50	15.24
ST0875A	0.875	22.2	1.000	25.4	50	15.24
ST0937A	0.937	23.8	1.062	27.0	50	15.24
ST1000A	1.000	25.4	1.125	28.6	50	15.24
ST1125A	1.125	28.6	1.250	31.8	25	7.62
ST1250A	1.250	31.8	1.375	35.0	25	7.62
ST1375A	1.375	34.9	1.500	38.1	25	7.62
ST1500A	1.500	38.1	1.625	41.3	25	7.62
ST1625A	1.625	41.3	1.750	44.5	25	7.62
ST1750A	1.750	44.4	1.875	47.6	25	7.62
ST1875A	1.875	47.6	2.000	50.8	25	7.62
ST2000A	2.000	50.8	2.125	54.0	25	7.62



**HV, HS & HC Series
V, S & C Style Hooks**



HV Series



HS Series



HC Series

Specifications:

- Material: Cold drawn spring steel

Features:

- The HV-style hook design retains its ground longer
- The HS-style and HC-style hooks are ideal for wider parts or multiple styles of parts with varying thicknesses

HC Style		HS Style		HV Style		Length		Wire Size		Capacity (Approx)	
Item No.	Bulk Pack Qty.	Item No.	Bulk Pack Qty.	Item No.	Bulk Pack Qty.	In	mm	In	mm	Lbs	kgs
—	—	—	—	HV2044A	3000	2	50.8	0.044	1.1	4	1.8
HC2062A	3000	HS2062A	3000	HV2062A	3000	2	50.8	0.062	1.6	8	3.6
HC2076A	3000	HS2076A	3000	HV2076A	3000	2	50.8	0.076	1.9	20	9.1
HC3044A	3000	HS3044A	3000	—	—	3	76.2	0.044	1.1	4	1.8
HC3062A	3000	HS3062A	3000	HV3062A	3000	3	76.2	0.062	1.6	8	3.6
HC3076A	2000	HS3076A	2000	HV3076A	2000	3	76.2	0.076	1.9	20	9.1
HC4044A	2000	HS4044A	2000	HV4044A	2000	4	101.6	0.044	1.1	4	1.8
HC4062A	2000	HS4062A	2000	HV4062A	2000	4	101.6	0.062	1.6	8	3.6
HC4076A	1000	HS4076A	1000	HV4076A	1000	4	101.6	0.076	1.9	20	9.1
HC4120A	2000	HS4120A	2000	HV4120A	2000	4	101.6	0.120	3.0	40	18.1
HC4180A	500	HS4180A	500	HV4180A	1000	4	101.6	0.180	4.6	80	36.3
—	—	—	—	HV6044A	1000	6	152.4	0.044	1.1	4	1.8
HC6062A	1000	HS6062A	1000	HV6062A	1000	6	152.4	0.062	1.6	8	3.6
HC6076A	1000	HS6076A	1000	HV6076A	1000	6	152.4	0.076	1.9	20	9.1
HC6120A	1000	HS6120A	1000	HV6120A	1000	6	152.4	0.120	3.0	40	18.1
HC6180A	500	HS6180A	500	HV6180A	500	6	152.4	0.180	4.6	80	36.3
HC8076A	1500	HS8076A	1000	HV8076A	500	8	203.2	0.076	1.9	20	9.1
HC8120A	500	HS8120A	500	HV8120A	500	8	203.2	0.120	3.0	40	18.1
HC8180A	250	HS8180A	250	HV8180A	250	8	203.2	0.180	4.6	80	36.3
HC10076A	500	HS10076A	500	HV10076A	500	10	254.0	0.076	1.9	20	9.1
—	—	HS10120A	500	HV10120A	500	10	254.0	0.120	3.0	40	18.1
HC10180A	250	HS10180A	250	HV10180A	250	10	254.0	0.180	4.6	80	36.3
HC12076A	500	HS12076A	500	HV12076A	500	12	304.8	0.076	1.9	20	9.1
—	—	HS12120A	500	HV12120A	500	12	304.8	0.120	3.0	40	18.1
HC12180A	250	HS12180A	250	HV12180A	250	12	304.8	0.180	4.6	80	36.3
HC15076A	500	—	—	HV15076A	500	15	381.0	0.076	1.9	20	9.1
—	—	HS15120A	500	HV15120A	500	15	381.0	0.120	3.0	40	18.1
—	—	—	—	HV18076A	500	18	457.2	0.076	1.9	20	9.1
—	—	—	—	HV18120A	250	18	457.2	0.120	3.0	40	18.1
HC24120A	250	—	—	—	—	24	609.6	0.120	3.0	40	18.1
—	—	HS24180A	250	—	—	24	609.6	0.180	4.6	80	36.3

**HCV, HVSQ & HV90°
CV, V90° & V (Square Bar Stock) Style Hooks**



HCV Series



HV-90° Series



HVSQ Series

Specifications:

- Material: Cold drawn spring steel

Features:

- The HCV-style hooks are ideal for wider parts or multiple styles of parts with varying thickness
- The HVSQ-style hooks are designed for heavy products and manufactured out of square bar stock
- The HV90°-style hooks are used for maximum load bearing and repeated usage

HCV Style		HV-90 Style		HVSQ Style		Length		Wire Size		Holding Capacity (Approx)	
Item No.	Bulk Pack Qty.	Item No.	Bulk Pack Qty.	Item No.	Bulk Pack Qty.	In	mm	In	mm	Lbs	kgs
HCV4120A	2000	HV904120A	2000	—	—	4	101.6	0.120	3.0	40	18.1
HCV4180A	500	HV904180A	500	—	—	4	101.6	0.180	4.6	80	36.3
—	—	—	—	HVSQ4250A	250	4	101.6	0.250	6.4	220	100.0
HCV6076A	1000	—	—	—	—	6	152.4	0.076	1.9	20	9.1
HCV6120A	1000	HV906120A	1000	—	—	6	152.4	0.120	3.0	40	18.1
HCV6180A	500	HV906180A	500	—	—	6	152.4	0.180	4.6	80	36.3
HCV8180A	250	HV908180A	250	—	—	8	203.2	0.180	4.6	80	36.3
—	—	—	—	HVSQ8250A	250	8	203.2	0.250	6.4	220	100.0
HCV10120A	1000	HV9010120A	500	—	—	10	254.0	0.120	3.0	40	18.1
HCV10180A	500	HV9010180A	500	—	—	10	254.0	0.180	4.6	80	36.3
HCV12076A	500	—	—	—	—	12	304.8	0.076	1.9	20	9.1
HCV12120A	500	HV9012120A	500	—	—	12	304.8	0.120	3.0	40	18.1
HCV12180A	500	HV9012180A	250	—	—	12	304.8	0.180	4.6	80	36.3
HCV15076A	500	—	—	—	—	15	381.0	0.076	1.9	20	9.1
HCV15120A	500	HV9015120A	500	—	—	15	381.0	0.120	3.0	40	18.1
—	—	—	—	HVSQ16250A	125	16	406.4	0.250	6.4	220	100.0
—	—	HV9018120A	250	—	—	18	457.2	0.120	3.0	40	18.1
HCV18180A	250	—	—	—	—	18	457.2	0.180	4.6	80	36.3
—	—	—	—	HVSQ24250A	125	24	609.6	0.250	6.4	220	100.0



MTK Series Polyimide Tapes

Specifications:

- Material: 1-Mil Polyimide Film with Silicone Adhesive
- Color: Amber
- 500°F (260°C)

Features:

- Excellent heat and solvent resistance, dielectric strength (6500 volts), and highly conformable
- Cleanly removes in one piece after use
- Applications: high-temperature processes, powder coating, soldering, electrical insulation and PC boards



Item No.	Roll Width		Roll Length	
	In	mm	Yds	m
MTK0102A	1/4"	6.4	36	32.9
MTK0103A	3/8"	9.5	36	32.9
MTK0105A	1/2"	12.7	36	32.9
MTK0107A	3/4"	19.1	36	32.9
MTK0110A	1"	25.4	36	32.9
MTK0115A	1-1/2"	38.1	36	32.9
MTK0120A	2"	50.8	36	32.9
MTK0130A	3"	76.2	36	32.9
MTK0140A	4"	101.6	36	32.9

MTGC Series Glass Cloth (Fiberglass) Tapes

Specifications:

- Material: Woven Fiberglass (5.0 mil) with Silicone Adhesive (2.0 mil)
- Color: White
- 500°F (260°C)

Features:

- Easy to remove without fraying
- Excellent flame, abrasion, and solvent resistance
- Recommended for thick coatings and high-temperature curing
- Excellent for irregular shapes and surfaces, including corners
- Applications: powder coating, shot and grit blasting, and high-temperature curing



Item No.	Roll Width		Roll Length	
	In	mm	Yds	m
MTGC0025A	1/4"	6.4	36	32.9
MTGC0037A	3/8"	9.5	36	32.9
MTGC0050A	1/2"	12.7	36	32.9
MTGC0062A	5/8"	12.7	36	32.9
MTGC0075A	3/4"	19.1	36	32.9
MTGC0087A	7/8"	22.2	36	32.9
MTGC0100A	1"	25.4	36	32.9
MTGC0150A	1-1/2"	38.1	36	32.9
MTGC0200A	2"	50.8	36	32.9
MTGC0300A	3"	76.2	36	32.9
MTGC0400A	4"	101.6	36	32.9

MTS Series Self-Bonding Silicone Tapes

Specifications:

- Material: Silicone on a Mylar film
- Color: Red
- -65°F (-54°C) to 500°F (260°C)



Item No.	Roll Width		Roll Length		Thickness Mils
	In	mm	Yds	m	
MTS2010A	1"	25.40	12	11	20
MTS4010A	1"	25.40	12	11	40

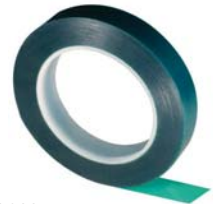
MTP Series Green Polyester Tapes

Specifications:

- Material: 2-Mil Polyester Film with Silicone Adhesive
- Color: Green
- 400°F (204°C)

Features:

- Excellent heat and solvent resistance
- Industry standard
- No shrinkage
- Cleanly removes in one piece after use, without leaving residue
- Applications: powder coating, e-coating, plating and anodizing



Item No.	Roll Width		Roll Length	
	In	mm	Yds	m
MTP0202A	1/4"	6.4	72	65.8
MTP0203A	3/8"	9.5	72	65.8
MTP0205A	1/2"	12.7	72	65.8
MTP0206A	5/8"	12.7	72	65.8
MTP0207A	3/4"	19.1	72	65.8
MTP0208A	7/8"	22.2	72	65.8
MTP0210A	1"	25.4	72	65.8
MTP0215A	1-1/2"	38.1	72	65.8
MTP0220A	2"	50.8	72	65.8
MTP0230A	3"	76.2	72	65.8
MTP0240A	4"	101.6	72	65.8
MTP0250A	5"	127.0	72	65.8
MTP0260A	6"	152.4	72	65.8

MTHC Series High Temperature Crepe Tapes

Specifications:

- Material: 7.3-Mil Crepe Tape with High-Temperature Rubber Adhesive
- Color: Tan
- 325°F (163°C)

Features:

- A thick pressure sensitive masking tape that is easy to apply and remove with clean lines
- Best removed when it is warm or hot, but can also be removed when cold
- Applications: low temperature liquid and powder coatings



Item No.	Roll Width		Roll Length	
	In	mm	Yds	m
MTHC0025A	1/4"	6.4	60	54.9
MTHC0037A	3/8"	9.5	60	54.9
MTHC0050A	1/2"	12.7	60	54.9
MTHC0062A	5/8"	12.7	60	54.9
MTHC0075A	3/4"	19.1	60	54.9
MTHC0087A	7/8"	22.2	60	54.9
MTHC0100A	1"	25.4	60	54.9
MTHC0150A	1-1/2"	38.1	60	54.9
MTHC0200A	2"	50.8	60	54.9
MTHC0250A	2-1/2"	63.5	60	54.9
MTHC0300A	3"	76.2	60	54.9
MTHC0400A	4"	101.6	60	54.9
MTHC0500A	5"	127.0	60	54.9
MTHC0600A	6"	152.4	60	54.9

Features:

- Self-bonding – no adhesive (Sticks only to itself)
- Form fitting, making it an excellent solution for odd shapes
- Waterproof seal after 24-hour self-bonding cure
- Excellent electrical properties: dielectric strength of 300 VPM min at 356°F
- Applications: high-temperature cures, powder coating, e-coating, plating, anodizing and electrical harness wrapping

MTPD Series
Green Polyester Discs

Specifications:

- Material: 2-Mil Polyester Film w/ 1.4 MILs of Silicone Adhesive
- Color: Green
- Temp Rating: 400°F (204°C)

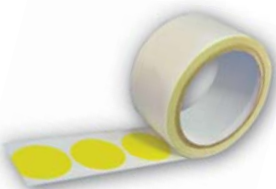
Features:

- Excellent heat and solvent resistance
- Industry standard product
- No shrinkage
- Supplied with split-back liner for easy removal from roll (unless marked*)
- Cleanly removes in one piece after use, without leaving residue
- Applications: powder coating, e-coating, plating and anodizing



Item No.	Disc Diameter		Discs Per Roll	
	In	mm		
MTPD020187A	0.187	3/16"	4.75	5000
MTPD020250A	0.250	1/4"	6.35	5000
MTPD020312A	0.312	5/16"	7.92	5000
MTPD020375A	0.375	3/8"	9.53	5000
MTPD020406A	0.406	13/32"	10.31	5000
MTPD020437A	0.437	7/16"	11.10	5000
MTPD020500A	0.500	1/2"	12.70	2500
MTPD020562A	0.562	9/16"	14.27	2500
MTPD020625A	0.625	5/8"	15.88	2000
MTPD020687A	0.687	11/16"	17.45	2000
MTPD020750A	0.750	3/4"	19.05	2000
MTPD020781A	0.781	25/32"	19.84	4000
MTPD020787A	0.787	—	20.00	4000
MTPD020812B	0.812	13/16"	20.63	1000
MTPD020875A	0.875	7/8"	22.23	2000
MTPD020937A	0.937	15/16"	23.80	2000
MTPD021000A	1.000	1"	25.40	500
MTPD021062A	1.062	1-1/16"	26.95	2000
MTPD021125A	1.125	1-1/8"	28.58	1000
MTPD021188A	1.188	1-3/16"	30.18	1000
MTPD021250A	1.250	1-1/4"	31.75	1000

Item No.	Disc Diameter		Discs Per Roll	
	In	mm		
MTPD021312A	1.312	1-5/16"	33.32	1000
MTPD021375A	1.375	1-3/8"	34.93	1000
MTPD021500A	1.500	1-1/2"	38.10	1000
MTPD021562A*	1.562	1-9/16"	39.67	1000
MTPD021625A	1.625	1-5/8"	41.28	1000
MTPD021750A	1.750	1-3/4"	44.45	1000
MTPD021875A	1.875	1-7/8"	47.63	1000
MTPD022000A	2.000	2"	50.80	500
MTPD022125A	2.125	2-1/8"	53.98	500
MTPD022250A	2.250	2-1/4"	57.15	500
MTPD022375A	2.375	2-3/8"	60.33	500
MTPD022500A	2.500	2-1/2"	63.50	500
MTPD022750A	2.750	2-3/4"	69.85	500
MTPD023000A	3.000	3"	76.20	500
MTPD023250A	3.250	3-1/4"	82.55	500
MTPD023500A	3.500	3-1/2"	88.90	500
MTPD023625A	3.625	3-5/8"	92.08	500
MTPD023750A	3.750	3-3/4"	95.25	100
MTPD024000A	4.000	4"	101.60	250
MTPD025000A	5.000	5"	127.00	250
MTPD026000A	6.000	6"	152.40	250

MTHCD Series
High Temperature Crepe Discs

Specifications:

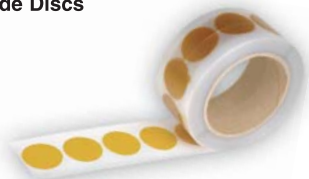
- Material: 7.3-Mil Crepe Tape with High-Temperature Rubber Adhesive
- Color: Tan
- Temp Rating: 325°F (163°C)

Features:

- A thick pressure sensitive masking tape that is easy to apply and remove with clean lines
- Best removed when warm or hot, but can be removed when cold
- Applications: low-temperature paints and powder coatings

Item No.	Disc Diameter		Discs Per Roll	
	In	mm		
MTHCD0250A	0.250	1/4"	6.35	5000
MTHCD0375A	0.375	3/8"	9.53	5000
MTHCD0500A	0.500	1/2"	12.70	5000
MTHCD0625A	0.625	5/8"	15.88	5000
MTHCD0750A	0.750	3/4"	19.05	4000
MTHCD0875A	0.875	7/8"	22.23	2000
MTHCD1000A	1.000	1"	25.40	2000
MTHCD1125A	1.125	1-1/8"	28.58	2000

Item No.	Disc Diameter		Discs Per Roll	
	In	mm		
MTHCD1250A	1.250	1-1/4"	31.75	2000
MTHCD1375A	1.375	1-3/8"	34.93	2000
MTHCD1500A	1.500	1-1/2"	38.10	2000
MTHCD1625A	1.625	1-5/8"	41.28	1000
MTHCD1750A	1.750	1-3/4"	44.45	1000
MTHCD1875A	1.875	1-7/8"	47.63	1000
MTHCD2000A	2.000	2"	50.80	500

MTKD Series
Polyimide Discs

Specifications:

- Material: 1-Mil Polyimide Film with Silicone Adhesive
- Color: Amber
- Temp Rating: 500°F (260°C)

Features:

- Excellent heat and solvent resistance, dielectric strength (6500 volts), and highly conformable
- Cleanly removes in one piece after use
- Applications: high-temperature processes, powder coating, soldering, electrical insulation and PC boards

Item No.	Disc Diameter		Discs Per Roll	
	In	mm		
MTKD010187A	0.187	3/16"	4.75	5000
MTKD010250A	0.250	1/4"	6.35	5000
MTKD010312A	0.312	5/16"	7.92	5000
MTKD010375A	0.375	3/8"	9.53	5000
MTKD010437A	0.437	7/16"	11.10	5000
MTKD010500A	0.500	1/2"	12.70	2500
MTKD010562A	0.562	9/16"	14.27	2500
MTKD010625A	0.625	5/8"	15.88	2000
MTKD010687A	0.687	11/16"	17.45	2000
MTKD010750A	0.750	3/4"	19.05	2000
MTKD010875A	0.875	7/8"	22.23	2000
MTKD011000A	1.000	1"	25.40	2000

Item No.	Disc Diameter		Discs Per Roll	
	In	mm		
MTKD011125A	1.125	1-1/8"	28.58	1000
MTKD011188A	1.188	1-3/16"	30.18	1000
MTKD011250A	1.250	1-1/4"	31.75	1000
MTKD011375A	1.375	1-3/8"	34.93	1000
MTKD011500A	1.500	1-1/2"	38.10	1000
MTKD011625A	1.625	1-5/8"	41.28	1000
MTKD011750A	1.750	1-3/4"	44.45	1000
MTKD011875A	1.875	1-7/8"	47.63	1000
MTKD012000A	2.000	2"	50.80	500
MTKD012500A	2.500	2-1/2"	63.50	500
MTKD013000A	3.000	3"	76.20	500
MTKD014000A	4.000	4"	101.60	250



Material Selection by Process

Chart is a guide for typical applications for masking products. Due to the number of variables in each process, some products may not work for the application shown, we recommend sampling to ensure.

*Silicone & EPDM products can be used above rated temp in some applications.

Material	Powder Coating	E-Coat	Anodizing	Plating	Wet Paint	Blasting	PC Boards
Silicone*	X	X	X	X	X	X	
Polyimide	X	X	X	X	X		X
Silicone Tape	X	X	X	X	X		
Glass Cloth	X	X			X	X	
EPDM*	X	X	X	X	X	X	
High Temp Vinyl	X	X	X	X	X		
Paper	X				X		
Polyester	X	X	X	X	X		
High Temp Crepe	X				X		

Caps for Threaded & Unthreaded Studs



Silicone and EPDM End Caps



High Temp Vinyl End Caps



High Temp Vinyl Pull Caps



Paper Tapered Caps



Silicone Tubing

Your Application								
Unthreaded	Thread Size		Silicone End Caps 600°F (315°C)	EPDM End Caps 425°F (218°C)	High Temp Vinyl End Caps 425°F (218°C)	High Temp Vinyl Pull Caps 425°F (218°C)	Paper Tapered Caps 400°F (205°C)	Silicone Tubing 600°F (315°C)
	Stud	UNC						
—	2-56	M2	SC007010A	SC007010B	—	—	—	—
3/32"	3-48	—	SC009307A	SC009307B	DM0093-1/2B	—	—	—
—	4-40	—	SC010010A	SC010010C	—	—	—	STFL011020A
—	5-40	M3	SC010907A	SC010907C	DM0110-1/2C	—	—	STFL011020A
1/8"	6-32	—	SC012510A	SC012510C	DM0125-1/2D	—	—	STFL011020A
—	—	M4	SC014810A	SC014810C	DM0148-1/2B	—	—	STFL011020A
5/32"	8-32	M4	SC015610A	SC015610C	DM0156-1/2E	—	—	STFL011020A
—	10-24	—	SC017210A	SC017210B	DM0172-1/2D	—	—	STFL011020A
3/16"	12-24	M5	SC018710A	SC018710B	DM0187-1/2C	DMPC0180-1/2B	—	STFL0108028A
—	—	—	SC022310A	SC022310B	DM0224-1/2B	—	—	STFL0108028A
—	1/4	M6	SC023410A	SC023410C	DM0234-1/2D	—	—	STFL0108028A
1/4"	—	—	SC025010A	SC025010C	DM0250-1D	DMPC0240-1C	—	STFL0108028A
9/32"	5/16	—	SC028110A	SC028110B	DM0281-1C	—	—	STFL025037A
—	—	M8	SC029510A	SC029510B	DM0304-1C	—	—	STFL025037A
5/16"	—	—	SC031210A	SC031210C	DM0313-1F	DMPC0302-1D	EFTC087105A	STFL025037A
—	3/8	—	SC035515A	SC035515B	DM0360-1/2C	—	EFTC035040A	STFL033045A
3/8"	—	M10	SC037510A	SC037510B	DM0375-1/2C	DMPC0365-1G	EFTC035040A	STFL033045A
13/32"	7/16	—	SC040610A	SC040610B	DM0406-1E	DMPC0396-1D	—	STFL042055A
7/16"	—	—	SC043710A	SC043710B	DM0437-1/2J	DMPC0427-1G	—	STFL042055A
—	—	M12	SC045615A	SC045615B	DM0460-1/2B	—	—	STFL042055A
—	1/2	—	SC048015A	SC048015B	DM0490-1B	—	EFTC047049A	STFL042055A
—	—	—	SC050015A	SC050015C	DM0500-1D	DMPC0490-1F	EFTC048075A	STFL042055A
—	9/16	M14	SC053515A	SC053515B	DM0531-1C	—	EFTC048075A	STFL042055A
9/16"	—	M15	SC056215A	SC056215B	DM0562-1D	DMPC0552-1C	EFTC048075A	STFL050062A
—	5/8	—	SC060015A	SC060015C	DM0600-1B	—	—	STFL050062A
5/8"	—	M17	SC062515A	SC062515B	DM0625-1F	DMPC0625-1E	—	STFL050062A
11/16"	—	—	SC068715A	SC068715B	DM0687-1D	DMPC0687-1E	—	STFL062075A
—	3/4	M19	SC073015A	SC073015B	DM0750-1F	DMPC0740-1D	—	STFL062075A
3/4"	—	—	SC075015A	SC075015B	DM0750-1F	DMPC0740-1D	—	STFL062075A
13/16"	—	—	SC081215A	SC081215B	DM0812-1D	DMPC0812-1C	EFTC081095A	STFL072087A
7/8"	—	—	SC087515A	SC087515B	DM0875-1D	DMPC0865-1B	EFTC081095A	STFL072087A
15/16"	—	M24	SC093715A	SC093715B	DM0937-1J	DMPC0937-1B	EFTC087105A	STFL085100A
—	1	—	SC097015A	SC097015B	DM0985-1B	—	EFTC095108A	STFL085100A
1"	—	M27	SC100015A	SC100015B	DM1000-1E	DMPC0990-1B	EFTC095108A	STFL085100A
1-1/16"	—	—	SC106215A	SC106215B	DM1062-1D	DMPC1060-1D	EFTC095108A	STFL085100A
1-1/8"	—	M30	SC112515A	SC112515B	DM1125-1D	DMPC1125-1B	—	ST1125A
1-3/16"	—	—	SC118715A	SC118715B	DM1187-1B	—	EFTC113130A	—
1-1/4"	1-1/4	M33	SC125015A	SC125015B	DM1250-1D	DMPC1230-1B	EFTC113130A	ST1250A
1-5/16"	—	—	—	—	DM1312-1B	—	EFTC131152A	—
1-3/8"	—	—	—	—	DM1375-1D	—	EFTC131152A	ST1375A
1-7/16"	—	—	—	—	DM1437-1B	DMPC1437-1B	EFTC145162A	—
1-1/2"	1-1/2	M39	SC150017A	SC150017B	DM1500-1C	DMPC1500-1B	EFTC145162A	ST1500A
1-5/8"	—	—	SC162520A	SC162520B	DM1625-1H	DMPC1605-1B	EFTC162169A	ST1625A
1-11/16"	—	—	—	—	DM1687-1B	—	EFTC168201A	—
1-3/4"	1-3/4	—	SC175020A	SC175020B	DM1750-1D	—	EFTC168201A	ST1750A
1-13/16"	—	—	—	—	DM1812-1B	—	EFTC168201A	—
1-7/8"	—	—	SC187520A	SC187520B	DM1875-1D	—	EFTC168201A	—
1-15/16"	—	—	—	—	DM1937-1B	—	—	—
2"	2	—	SC200020A	SC200020B	DM2000-1B	—	—	ST2000A



Masking Plug Selection Guide for Unthreaded ID's



Silicone and EPDM Tapered Plug



Silicone and EPDM Flangeless Plug



Paper Tapered Plug



High Temp Vinyl Plugs



Silicone and EPDM Cone Plugs

Table with columns for Your Application (Inches, Decimal, mm), Silicone Tapered Plug, EPDM Tapered Plug, Silicone Flangeless Plug, EPDM Flangeless Plug, Paper Tapered Plug, High Temp Vinyl Plugs, Silicone Cone Plugs, and EPDM Cone Plugs. Rows list various sizes from 1/8" to 2-1/2" with corresponding part numbers.

Note: H Denotes that Hollow (cost saving) version of Plug is available. See the HSTP Series on page 1027.

Masking Plug Selection Guide for Threaded Holes



Silicone and EPDM Plug with 1st Thread Protection



Silicone and EPDM Flangeless Plug



Silicone and EPDM Tapered Plugs



High Temp Vinyl Plug



Paper Tapered Plug

Table with columns for Your Application (UNC, Metric), Plug with 1st Thread Protection (Silicone, EPDM), Flangeless Plug (Silicone, EPDM), Tapered Plugs (Silicone, EPDM), High Temp Vinyl Plugs, and Paper Tapered Plug. Rows list various sizes from 2-56 to 1-1/8-7 with corresponding part numbers.