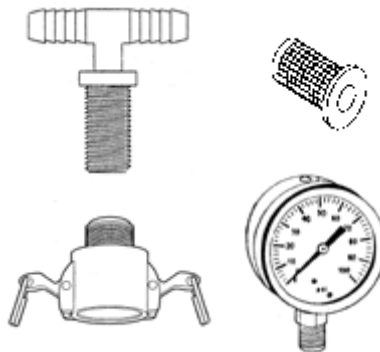


2018

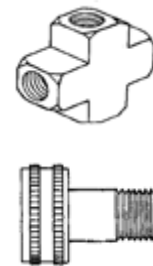
FITTINGS



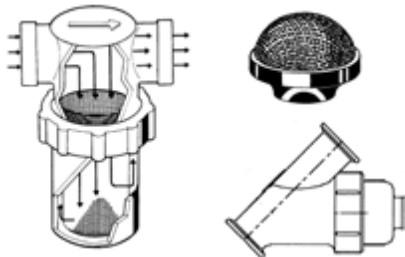
SPRAYER PARTS



BRASS



STRAINERS



PUMPS & VALVES



3610 NORTH CLIFF AVE - SIOUX FALLS, SOUTH DAKOTA 57104
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PLEASE NOTE: Pricing is List Price. Please call for discounts.



ADAPTERS MPT X HB

Illustration Only
Please call for specific part drawing

Mpt	Hb	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/8	3/16	TA1023	.46	TA1023PP	.40	TA1023P	.34
1/8	1/4	TA1024	.46	TA1024PP	.40	TA1024P	.36
1/8	5/16	TA1025	.42	TA1025PP	.40	TA1025P	.36
1/8	3/8	TA1026	.46	TA1026PP	.40	TA1026P	.37
1/4	3/16	TA1043	.47	TA1043PP	.40	TA1043P	.39
1/4	1/4	TA1044	.43	TA1044PP	.40	TA1044P	.39
1/4	5/16	TA1045	.47	TA1045PP	.40	TA1045P	.39
1/4	3/8	TA1046	.48	TA1046PP	.39	TA1046P	.40
1/4	1/2	TA1048	.48	TA1048PP	.41	TA1048P	.40
1/4	5/8	TA10410	1.30	TA10410PP	1.92		
3/8	1/4	TA1064	.45	TA1064PP	.41	TA1064P	.40
3/8	5/16	TA1065	.57	TA1065PP	.43	TA1065P	.40
3/8	3/8	TA1066	.45	TA1066PP	.42	TA1066P	.41
3/8	1/2	TA1068	.46	TA1068PP	.44	TA1068P	.41
3/8	5/8	TA10610	.45	TA10610PP	.43	TA10610P	.41
3/8	3/4	TA10612	.86	TA10612PP	1.06		
1/2	1/4	TA1084	.47	TA1084PP	.44	TA1084P	.47
1/2	3/8	TA1086	.57	TA1086PP	.47	TA1086P	.47
1/2	1/2	TA1088	.61	TA1088PP	.44	TA1088P	.48
1/2	5/8	TA10810	.53	TA10810PP	.46	TA10810P	.48
1/2	3/4	TA10812	.59	TA10812PP	.47	TA10812P	.48
1/2	1	TA10816	1.45	TA10816PP	1.64		
3/4	1/4	TA10124	.58	TA10124PP	.57	TA10124P	.53
3/4	3/8	TA10126	.59	TA10126PP	.56	TA10126P	.53
3/4	1/2	TA10128	.62	TA10128PP	.57	TA10128P	.57
3/4	5/8	TA101210	.63	TA101210PP	.57	TA101210P	.57
3/4	3/4	TA101212	.73	TA101212PP	.58	TA101212P	.57
3/4	1	TA101216	.98	TA101216PP	.91		
3/4	1 1/4	TA101220	2.34	TA101220PP	2.63		
1	3/8	TA10166	1.20	TA10166PP	.85		
1	1/2	TA10168	1.14	TA10168PP	1.15		
1	3/4	TA101612	1.31	TA101612PP	1.08		
1	1	TA101616	1.42	TA101616PP	1.22		
1	1 1/4	TA101620	1.61	TA101620PP	1.43		



Illustration Only
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ADAPTERS MPT X HB

Mpt	Hb	Nylon	List/E	Polypropylene	List/E
1 1/4	3/4	TA102012	1.89	TA102012PP	1.76
1 1/4	1	TA102016	1.74	TA102016PP	1.70
1 1/4	1 1/4	TA102020	2.05	TA102020PP	1.90
1 1/4	1 1/2	TA102024	2.23	TA102024PP	2.01
1 1/2	3/4	TA102412	3.36	TA102412PP	2.80
1 1/2	1	TA102416	3.36	TA102416PP	2.92
1 1/2	1 1/4	TA102420	2.03	TA102420PP	1.99
1 1/2	1 1/2	TA102424	2.68	TA102424PP	2.22
1 1/2	2	TA102432	9.70	TA102432PP	8.51
2	1 1/2	TA103224	8.23	TA103224PP	7.07
2	2	TA103232	3.56	TA103232PP	3.35
3	3			TA104848PP	18.19
4	4			TA106464PP	45.77



Illustration Only
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FEMALE ADAPTERS FPT X HB

Fpt	Hb	Nylon	List/E	Polypropylene	List/E
1/8	1/4	TAF1024	2.02	TAF1024PP	1.93
1/8	3/8	TAF1026	2.02	TAF1026PP	1.93
1/4	1/4	TAF1044	2.02	TAF1044PP	1.94
1/4	3/8	TAF1046	1.98	TAF1046PP	1.94
1/4	1/2	TAF1048	1.96	TAF1048PP	1.92
3/8	1/4	TAF1064	1.98	TAF1064PP	1.99
3/8	3/8	TAF1066	1.98	TAF1066PP	1.94
3/8	1/2	TAF1068	1.99	TAF1068PP	1.94
3/8	5/8	TAF10610	2.14	TAF10610PP	1.99
3/8	3/4	TAF10612	2.30	TAF10612PP	2.04
1/2	1/4	TAF1084	2.02	TAF1084PP	2.00
1/2	3/8	TAF1086	2.07	TAF1086PP	2.02
1/2	1/2	TAF1088	1.42	TAF1088PP	1.51
1/2	5/8	TAF10810	2.07	TAF10810PP	2.03
1/2	3/4	TAF10812	2.07	TAF10812PP	2.02
3/4	1/4	TAF10124	2.63	TAF10124PP	2.35
3/4	3/8	TAF10126	2.62	TAF10126PP	2.35
3/4	1/2	TAF10128	2.50	TAF10128PP	2.34
3/4	5/8	TAF101210	2.24	TAF101210PP	2.14
3/4	3/4	TAF101212	2.48	TAF101212PP	2.16
3/4	1			TAF101216PP	4.51
1	1			TAF101616PP	3.81



ELBOWS MPT X HB

Illustration Only
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Mpt	Hb	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/8	3/16	TE2023	.86			TE2023P	.66
1/8	1/4	TE2024	.86	TE2024PP	.68	TE2024P	.68
1/8	5/16	TE2025	.88			TE2025P	.68
1/8	3/8	TE2026	.88	TE2026PP	.70	TE2026P	.69
1/4	3/16	TE2043	.85	TE2043PP	.72	TE2043P	.65
1/4	1/4	TE2044	.74	TE2044PP	.71	TE2044P	.69
1/4	5/16	TE2045	.92	TE2045PP	.74	TE2045P	.69
1/4	3/8	TE2046	.87	TE2046PP	.72	TE2046P	.71
1/4	1/2	TE2048	.81	TE2048PP	.73	TE2048P	.71
1/4	5/8	TE20410	1.28	TE20410PP	1.31		
3/8	1/4	TE2064	.82	TE2064PP	.72	TE2064P	.71
3/8	5/16	TE2065	.94	TE2065PP	.81	TE2065P	.71
3/8	3/8	TE2066	.94	TE2066PP	.79	TE2066P	.73
3/8	1/2	TE2068	.83	TE2068PP	.75	TE2068P	.73
3/8	5/8	TE20610	.85	TE20610PP	.83	TE20610P	.74
1/2	1/4	TE2084	.86	TE2084PP	.80	TE2084P	.76
1/2	3/8	TE2086	.87	TE2086PP	.78	TE2086P	.76
1/2	1/2	TE2088	.85	TE2088PP	.78	TE2088P	.76
1/2	5/8	TE20810	1.01	TE20810PP	.98	TE20810P	1.17
1/2	3/4	TE20812	1.07	TE20812PP	1.02	TE20812P	1.28
1/2	1	TE20816	1.55	TE20816PP	1.68	TE20816P	1.49
3/4	1/4	TE20124	1.00	TE20124PP	.89	TE20124P	.91
3/4	3/8	TE20126	1.04	TE20126PP	1.04	TE20126P	1.33
3/4	1/2	TE20128	1.07	TE20128PP	1.03	TE20128P	1.33
3/4	5/8	TE201210	1.09	TE201210PP	1.08	TE201210P	1.33
3/4	3/4	TE201212	1.13	TE201212PP	1.08		
3/4	1	TE201216	1.23	TE201216PP	1.22		
1	1/2	TE20168	1.59	TE20168PP	1.55		
1	5/8	TE201610	1.62	TE201610PP	1.67		
1	3/4	TE201612	1.41	TE201612PP	1.36	TE201612P	1.29
1	1	TE201616	1.41	TE201616PP	1.35		
1	1 1/4			TE201620PP	4.33		



ELBOWS MPT X HB

Mpt	Hb	Nylon	List/E	Polypropylene	List/E
1 1/4	3/4	TE202012	2.53	TE202012PP	2.53
1 1/4	1	TE202016	2.77	TE202016PP	2.53
1 1/4	1 1/4	TE202020	2.93	TE202020PP	2.63
1 1/4	1 1/2	TE202024	2.95	TE202024PP	2.74
1 1/2	3/4	TE202412	2.95	TE202412PP	2.84
1 1/2	1	TE202416	2.95	TE202416PP	2.84
1 1/2	1 1/4	TE202420	3.16	TE202420PP	2.84
1 1/2	1 1/2	TE202424	4.88	TE202424PP	3.72
2	1/1/2			TE203224PP	13.72
2	2	TE203232	5.16	TE203232PP	4.60
3	3			TE204848PP	55.26



ELBOWS FPT X HB

Illustration Only
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Fpt	Hb	Nylon	List/E	Polypropylene	List/E
1/8	1/4	TEF2024	2.02	TEF2024PP	2.05
1/8	3/8	TEF2026	2.02	TEF2026PP	2.05
1/4	1/4	TEF2044	2.16	TEF2044PP	2.05
1/4	3/8	TEF2046	2.04	TEF2046PP	1.99
3/8	1/4	TEF2064	2.13	TEF2064PP	2.09
3/8	3/8	TEF2066	2.13	TEF2066PP	2.11
3/8	1/2	TEF2068	2.24	TEF2068PP	2.11
1/2	1/4	TEF2084	2.24	TEF2084PP	2.27
1/2	3/8	TEF2086	2.32	TEF2086PP	2.17
1/2	1/2	TEF2088	1.70	TEF2088PP	1.68
1/2	5/8	TEF20810	2.24	TEF20810PP	2.17
1/2	3/4	TEF20812	2.47	TEF20812PP	2.27
3/4	1/2	TEF20128	1.88	TEF20128PP	1.81
3/4	5/8	TEF201210	1.88	TEF201210PP	1.81
3/4	3/4	TEF201212	1.88	TEF201212PP	1.81



ELBOW FPT

Fpt	Fpt	Nylon	List/E	Polypropylene	List/E
3/8	3/8			EL66PP	6.37
1/2	1/2	EL88	3.58	EL88PP	3.93
3/4	3/4	EL1212	4.13	EL1212PP	3.56
1	1	EL1616	6.12	EL1616PP	6.14
1 1/4	1 1/4	EL2020	8.29	EL2020PP	9.21
1 1/2	1 1/2	EL2424	9.87	EL2424PP	14.47
2	2	EL3232	14.45	EL3232PP	14.28
3	3			EL4848PP	72.70

* Natural Polypro



ELBOWS HB X HB

Illustration Only
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Hb	Hb	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/4	1/4	TEB2044	.75	TEB2044PP	.66	TEB2044P	.64
3/8	3/8	TEB2066	.78	TEB2066PP	.69	TEB2066P	.68
1/2	1/2	TEB2088	.84	TEB2088PP	.72	TEB2088P	.69
5/8	5/8	TEB201010	.84	TEB201010PP	.84	TEB201010P	.73
3/4	3/4	TEB201212	1.02	TEB201212PP	.99	TEB201212P	1.02
1	1	TEB201616	1.55	TEB201616PP	1.46	TEB201616P	1.49
1 1/4	1 1/4	TEB202020	5.15	TEB202020PP	5.57		
1 1/2	1 1/2	TEB202424	5.56	TEB202424PP	5.32		
2	2	TEB203232	10.23	TEB203232PP	10.37		

Hb	Hb	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
3/8	1/4	TEB2064	1.29	TEB2064PP	1.14		
1/2	1/4	TEB2084	.82	TEB2084PP	.92	TEB2084P	.68
1/2	3/8	TEB2086	.85	TEB2086PP	.88	TEB2086P	.69
3/4	5/8	TEB201210	1.37	TEB201210PP	1.30		



HEX HEAD PLUGS MPT

Illustration Only
Please call for specific part drawing

Mpt	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/8	TP4002	.39	TP4002PP	.36	TP4002P	.36
1/4	TP4004	.46	TP4004PP	.38	TP4004P	.37
3/8	TP4006	.43	TP4006PP	.41	TP4006P	.39
1/2	TP4008	.46	TP4008PP	.45	TP4008P	.43
3/4	TP4012	.60	TP4012PP	.49	TP4012P	.49
1	TP4016	.73	TP4016PP	.66		
1 1/4	TP4020	1.66	TP4020PP	1.54		
1 1/2	TP4024	2.20	TP4024PP	1.86		
2	TP4032	2.98	TP4032PP	2.32		
3			TP4048PP	28.79		
3/4 SQ	STP12	1.64	STP12PP	1.44		



MENDERS HB X HB

Illustration Only
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Hb	Hb	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/8	1/8	TC7022	.41			TC7022P	.34
3/16	3/16	TC7033	.43			TC7033P	.32
1/4	1/4	TC7044	.43	TC7044PP	.41	TC7044P	.36
5/16	5/16	TC7055	.43	TC7055PP	.38	TC7055P	.37
3/8	3/8	TC7066	.46	TC7066PP	.44	TC7066P	.37
1/2	1/2	TC7088	.48	TC7088PP	.46	TC7088P	.39
5/8	5/8	TC71010	.55	TC71010PP	.51	TC71010P	.40
3/4	3/4	TC71212	.76	TC71212PP	.64		
1	1	TC71616	.96	TC71616PP	.85		
1 1/4	1 1/4	TC72020	1.86	TC72020PP	2.03		
1 1/2	1 1/2	TC72424	2.76	TC72424PP	2.22		
2	2	TC73232	7.90	TC73232PP	6.98		
3	3			TC74848PP	21.72		

Hb	Hb	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/4	1/8	TRC8042	.42			TRC8042P	.36
1/4	3/16	TRC8043	.43			TRC8043P	.34
3/8	1/4	TRC8064	.46	TRC8064PP	.40	TRC8064P	.36
3/8	5/16	TRC8065	.46				
1/2	1/4	TRC8084	.41	TRC8084PP	.43	TRC8084P	.39
1/2	3/8	TRC8086	.48	TRC8086PP	.51	TRC8086P	.39
5/8	3/8	TRC80106	.49	TRC80106PP	.47	TRC80106P	.40
5/8	1/2	TRC80108	.49	TRC80108PP	.53	TRC80108P	.40
3/4	1/2	TRC80128	1.18			TRC80128P	.74
3/8	1/4PL					TRC8064PPL	.60



“Y” HB

Illustration Only
Please call for specific part drawing

Hb	Nylon	List/E	Polypropylene	List/E
1/8			TTY222PP*	3.23
3/16			TTY333PP*	4.01
1/4	TTY444	2.54	TTY444PP	2.56
5/16			TTY555PP*	4.69
3/8	TTY666	2.56	TTY666PP	2.60
1/2	TTY888	2.57	TTY888PP	2.61

* Natural Polypro

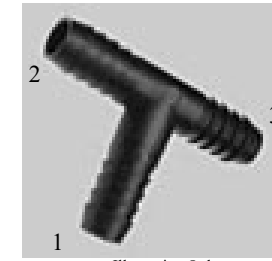


NIPPLES MPT X MPT

Illustration Only
Please call for specific part drawing

Mpt	Mpt	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/8	1/8	TN5022	.41	TN5022PP	.40	TN5022P	.37
1/4	1/4	TN5044	.44	TN5044PP	.40	TN5044P	.40
3/8	3/8	TN5066	.46	TN5066PP	.42	TN5066P	.42
1/2	1/2	TN5088	.49	TN5088PP	.46	TN5088P	.46
3/4	3/4	TN51212	.63	TN51212PP	.63		
1	1	TN51616	1.03	TN51616PP	.86		
1 1/4	1 1/4	TN52020	2.01	TN52020PP	1.71		
1 1/2	1 1/2	TN52424	2.94	TN52424PP	2.78		
2	2	TN53232	3.97	TN53232PP	3.87		
3	3			TN504848PP	17.18		
4	4			TN56464PP	32.11		

Mpt	Mpt	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/4	1/8	TRN6042	.42	TRN6042PP	.39	TRN6042P	.37
3/8	1/8	TRN6062	.47	TRN6062PP	.42	TRN6062P	.39
3/8	1/4	TRN6064	.46	TRN6064PP	.42	TRN6064P	.40
1/2	1/8	TRN6082	.59			TRN6082P	.47
1/2	1/4	TRN6084	.54	TRN6084PP	.44	TRN6084P	.47
1/2	3/8	TRN6086	.53	TRN6086PP	.44	TRN6086P	.48
3/4	3/8	TRN60126	.59	TRN60126PP	.54	TRN60126P	.49
3/4	1/2	TRN60128	.57	TRN60128PP	.56		
1	1/2			TRN60168PP	4.51		
1	3/4			TRN601612PP	4.14		
1 1/4	3/4			TRN602012PP	4.74		
1 1/4	1	TRN602016	2.34	TRN602016PP	4.33		
1 1/2	1			TRN602416PP	5.12		
1 1/2	1 1/4			TRN602420PP	4.60		
2	1 1/4			TRN603220PP	6.23		
2	1 1/2			TRN603224PP	5.07		
3	2			TRN604832PP	17.44		



TEE HB X HB X HB

Illustration Only
Please call for specific part drawing

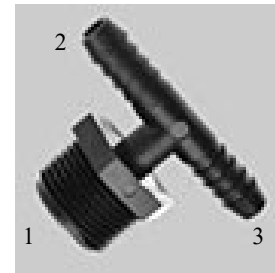
Hb ¹	Hb ²	Hb ³	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/8	1/8	1/8	TT9222	.86			TT9222P	.66
3/16	3/16	3/16	TT9333	.86			TT9333P	.68
1/4	1/4	1/4	TT9444	.77	TT9444PP	.81	TT9444P	.68
5/16	5/16	5/16	TT9555	.92	TT9555PP	.78	TT9555P	.69
3/8	3/8	3/8	TT9666	.92	TT9666PP	.74	TT9666P	.74
1/2	1/2	1/2	TT9888	.86	TT9888PP	.80	TT9888P	.86
5/8	5/8	5/8	TT9101010	.94	TT9101010PP	.93	TT9101010P	.86
3/4	3/4	3/4	TT9121212	1.04	TT9121212PP	.98	TT9121212P	.92
1	1	1	TT9161616	1.31	TT9161616PP	1.32	TT9161616P	1.07
1 1/4	1 1/4	1 1/4	TT9202020	3.36	TT9202020PP	2.86		
1 1/2	1 1/2	1 1/2	TT9242424	4.05	TT9242424PP	3.66		
2	2	2	TT9323232	10.71	TT9323232PP	10.71		
3	3	3			TT9484848PP	41.74		

Hb ¹	Hb ²	Hb ³	Nylon	List/E	Polypropylene	List/E	Polyethylene	List/E
1/4	3/8	3/8	TT9466	.86	TT9466PP	.81	TT9466P	.77
1/4	1/2	1/2	TT9488	1.00			TT9488P	.77
1/4	5/8	5/8	TT941010	1.01			TT941010P	.78
3/8	1/4	1/4	TT9644	.87			TT9644P	.77
3/8	1/2	1/2	TT9688	.83	TT9688PP	.74	TT9688P	.78
3/8	5/8	5/8	TT961010	1.00	TT961010PP	.97	TT961010P	.86
3/8	3/4	3/4	TT961212	1.17	TT961212PP	1.48		
1/2	3/8	3/8	TT9866	.88	TT9866PP	.80	TT9866P	.78
1/2	5/8	5/8	TT981010	1.02			TT981010P	.78
1/2	3/4	3/4	TT981212	1.16			TT981212P	1.02
3/4	1/2	1/2	TT91288	3.40	TT91288PP	2.82		



TEE FPT X HB

Fpt	Hb	Hb	Nylon	List/E	Polypropylene	List/E
3/4	3/4	3/4	TTF121212	3.57	TTF121212PP	2.72
3/4	1 1/4	1 1/4	TTF122020	3.67	TTF122020PP	3.06



TEE MPT X HB X HB

Illustration Only
Please call for specific part drawing

<i>Mpt¹</i>	<i>Hb²</i>	<i>Hb³</i>	<i>Nylon</i>	<i>List/E</i>	<i>Polypropylene</i>	<i>List/E</i>	<i>Polyethylene</i>	<i>List/E</i>
1/4	1/4	1/4	TT3444	.84	TT3444PP	.83	TT3444P	.71
3/8	3/8	3/8	TT3666	.91	TT3666PP	.83	TT3666P	.76
1/2	1/2	1/2	TT3888	.98	TT3888PP	.96	TT3888P	.87
3/4	3/4	3/4	TT3121212	1.17	TT3121212PP	1.56	TT3121212P	1.35
1	1	1	TT3161616	1.62	TT3161616PP	1.62		

<i>Mpt¹</i>	<i>Hb²</i>	<i>Hb³</i>	<i>Nylon</i>	<i>List/E</i>	<i>Polypropylene</i>	<i>List/E</i>	<i>Polyethylene</i>	<i>List/E</i>
1/8	1/4	1/4	TT3244	.91	TT3244PP	.91	TT3244P	.69
1/4	3/8	3/8	TT3466	.88	TT3466PP	.80	TT3466P	.74
1/4	1/2	1/2	TT3488	.84	TT3488PP	.84	TT3488P	.74
3/8	1/4	1/4	TT3644	.88			TT3644P	.74
3/8	1/2	1/2	TT3688	.92	TT3688PP	.91	TT3688P	.77
1/2	3/8	3/8	TT3866	.98	TT3866PP	.92	TT3866P	.82
1/2	3/4	3/4	TT381212	1.57	TT381212PP	1.18		
1/2	1	1	TT381616	1.68	TT381616PP	1.66		
3/4	1/2	1/2	TT31288	1.53	TT31288PP	1.46		
3/4	5/8	5/8	TT3121010	1.45	TT3121010PP	1.27		
3/4	1	1	TT3121616	1.62	TT3121616PP	1.62		



TEE FPT



GAUGE TEE

Illustration Only
Please call for specific part drawing

<i>Fpt</i>	<i>Nylon</i>	<i>List/E</i>	<i>Polypropylene</i>	<i>List/E</i>
1/4	TT4	3.71	TT4PP	3.17
3/8			TT6PP	6.37
1/2	TT8	3.54	TT8PP	3.07
3/4	TT12	4.98	TT12PP	4.62
1	TT16	8.55	TT16PP	8.65
1 1/4	TT20	11.75	TT20PP	11.95
1 1/2	TT24	13.21	TT24PP	14.28
2	TT32	18.05	TT32PP	17.81
3			TT48PP	84.84

<i>Fpt</i>	<i>Port</i>	<i>Nylon</i>	<i>List/E</i>	<i>Polypropylene</i>	<i>List/E</i>
1/2	1/4	TT84	4.10	TT84PP	3.86
3/4	1/8	TT122	8.56	TT122PP	9.47
3/4	1/4	TT124	5.05	TT124PP	4.64
1	1/4	TT164	10.66	TT164PP	10.36
1 1/4	1/4	TT204	13.78	TT204PP	12.60
1 1/2	1/4	TT244	14.90	TT244PP	16.84
2	1/4	TT324	19.39	TT324PP	19.39



90° STREET ELBOW (SE)



45° STREET ELBOW (SEQ)

Illustration Only
Please call for specific part drawing

<i>Mpt</i>	<i>Fpt</i>	<i>Nylon</i>	<i>List/E</i>	<i>Polypropylene</i>	<i>List/E</i>
1/8	1/8	SE22	2.02	SE22PP	1.95
1/4	1/4	SE44	1.98	SE44PP	1.96
3/8	3/8	SE66	2.02	SE66PP	2.67
1/2	1/2	SE88	2.24	SE88PP	2.00
3/4	3/4	SE1212	3.23	SE1212PP	3.09
1	1	SE1616	6.70	SE1616PP	6.37
1 1/4	1 1/4	SE2020	8.43	SE2020PP	8.74
1 1/2	1 1/2	SE2424	8.97	SE2424PP	8.09
2	2	SE3232	10.82	SE3232PP	9.43
3	3			SE4848PP	74.98

<i>Mpt</i>	<i>Fpt</i>	<i>Nylon</i>	<i>List/E</i>	<i>Polypropylene</i>	<i>List/E</i>
1/4	1/4	SEQ44	3.10	SEQ44PP	3.10
3/4	3/4	SEQ1212	3.15	SEQ1212PP	3.16
1	1			SEQ1616PP	13.95
1 1/4	1 1/4			SEQ2020PP	17.30
1 1/2	1 1/2			SEQ2424PP	18.47
2	2			SEQ3232PP	19.91
3	3			SEQ4848PP	82.37

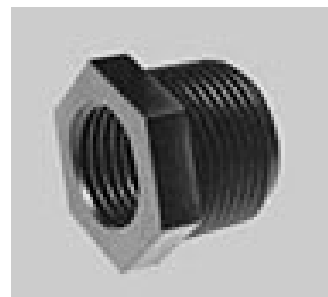


Illustration Only
Please call for specific part drawing

**REDUCER
BUSHINGS
MPT X FPT**

Mpt	Fpt	Nylon	List/E	Polypropylene	List/E
1/4	1/8	RB42	1.23	RB42PP	1.22
3/8	1/8	RB62	1.16	RB62PP	1.15
3/8	1/4	RB64	1.06	RB64PP	1.04
1/2	1/8	RB82	1.22	RB82PP	1.23
1/2	1/4	RB84	1.10	RB84PP	1.18
1/2	3/8	RB86	1.15	RB86PP	1.06
3/4	1/8	RB122	1.12	RB122PP	1.19
3/4	1/4	RB124	1.22	RB124PP	1.29
3/4	3/8	RB126	1.32	RB126PP	1.29
3/4	1/2	RB128	1.19	RB128PP	1.28
1	3/8	RB166	1.95	RB166PP	1.56
1	1/2	RB168	1.76	RB168PP	1.55
1	3/4	RB1612	1.69	RB1612PP	1.33
1 1/4	1/2	RB208	3.51	RB208PP	3.09
1 1/4	3/4	RB2012	3.10	RB2012PP	2.99
1 1/4	1	RB2016	3.10	RB2016PP	2.99
1 1/2	1/2	RB248	5.46	RB248PP	4.93
1 1/2	3/4	RB2412	3.40	RB2412PP	2.99
1 1/2	1	RB2416	3.40	RB2416PP	2.99
1 1/2	1 1/4	RB2420	3.40	RB2420PP	2.99
2	1/2	RB328	6.69	RB328PP	6.37
2	3/4	RB3212	7.06	RB3212PP	6.85
2	1	RB3216	4.78	RB3216PP	4.23
2	1 1/4	RB3220	3.93	RB3220PP	3.61
2	1 1/2	RB3224	3.60	RB3224PP	3.19
3	1 1/2			RB4824PP	27.49
3	2	RB4832	9.34	RB4832PP	9.55



**CROSS
FPT**

Illustration Only
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Fpt	Polypropylene	List/E
1/4	CR4PP	17.26
3/8	CR6PP	18.93
1/2	CR8PP	29.30
3/4	CR12PP	29.30
1	CR16PP	29.30
1 1/4	CR20PP	43.67
1 1/2	CR24PP	43.67
2	CR32PP	44.60



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**COUPLING
FPT**



Fpt	Fpt	Nylon	List/E	Polypropylene	List/E
1/8	1/8	CC22	3.15	CC22PP	3.15
1/4	1/4	CC44	3.15	CC44PP	3.15
1/4	1/4	CC44-S	3.15	CC44PP-S	3.15
3/8	3/8	CC66	3.15	CC66PP	3.15
1/2	1/2	CC88	3.32	CC88PP	3.15
3/4	3/4	CC1212	3.32	CC1212PP	3.15
1	1	CC1616	3.37	CC1616PP	2.70
1 1/4	1 1/4	CC2020	3.89	CC2020PP	3.16
1 1/2	1 1/2	CC2424	4.61	CC2424PP	3.85
2	2	CC3232	5.71	CC3232PP	4.36
3	3			CC4848PP	43.63
Fpt	Fpt	Nylon	List/E	Polypropylene	List/E
1/4	1/8	RC42	3.15	RC42PP	3.15
1/4	1/8	RC42-S	3.15	RC42PP-S	3.15
3/8	1/4	RC64	3.15	RC64PP	3.15
1/2	3/8	RC86	3.30	RC86PP	3.15
3/4	3/8	RC126	3.45	RC126PP	3.30
3/4	1/2	RC128	3.45	RC128PP	3.30
1	3/4			RC1612PP	9.77
1 1/2	1			RC2416PP	16.60
1 1/2	1 1/4			RC2420PP	16.60
2	1			RC3216PP	14.70
2	1 1/4			RC3220PP	17.63
2	1 1/2			RC3224PP	14.70
3	2			RC4832PP	52.14



**CAP
FPT
(HC)**

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Fpt	Nylon	List/E	Polypropylene	List/E
1/4	HC4	.39	HC4PP	.36
3/8	HC6	.48	HC6PP	.45
1/2	HC8	.55	HC8PP	.51
3/4	HC12	.61	HC12PP	.57



**SWIVEL
NUT (SN)
INSERT
(SNA)**

Fpt	Hb	Nylon	List/E	Polypropylene	List/E
1/4		SN4 (Nut)	.39	SN4PP(Nut)	.34
	1/4	SNA4(Insert)	.32	SNA4PP(Insert)	.37
3/8		SN6(Nut)	.48	SN6PP(Nut)	.44
	3/8	SNA6(Insert)	.36	SNA6PP(Insert)	.37
1/2		SN8(Nut)	.55	SN8PP(Nut)	.51
	1/4	SNA84(Insert)	.39	SNA84PP(Insert)	.41
	1/2	SNA8(Insert)	.41	SNA8PP(Insert)	.42

SCHEDULE 80 POLYPROPYLENE FITTINGS

SCHEDULE 80

Mpt	Hb	Part#	List/E
1/4	1/4	HDTA1044	1.81
1/4	3/8	HDTA1046	1.81
1/4	1/2	HDTA1048	2.19
3/8	3/8	HDTA1066	2.00
3/8	1/2	HDTA1068	2.00
1/2	1/4	HDTA1084	1.63
1/2	3/8	HDTA1086	2.00
1/2	1/2	HDTA1088	1.63
1/2	3/4	HDTA10812	2.19
3/4	3/8	HDTA10126	2.19
3/4	1/2	HDTA10128	2.19
3/4	5/8	HDTA101210	2.70
3/4	3/4	HDTA101212	1.81
3/4	1	HDTA101216	2.70
1	3/4	HDTA101612	2.70
1	1	HDTA101616	2.23
1	1 1/4	HDTA101620	3.30
1 1/4	3/4	HDTA102012	2.74
1 1/4	1	HDTA102016	3.30
1 1/4	1 1/4	HDTA102020	3.30
1 1/4	1 1/2	HDTA102024	6.33
1 1/2	1	HDTA102416	4.93
1 1/2	1 1/4	HDTA102420	4.93
1/2	1 1/2	HDTA102424	4.60
1 1/2	2	HDTA102432	8.51
2	1 1/2	HDTA103224	7.07
2	2	HDTA103232	5.63
3	3	HDTA104848	18.19
4	4	HDTA106464	45.77

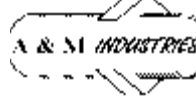
Fpt	Hb	Part#	List/E
3/4	3/4	HDTA101212	5.40
3/4	1	HDTA101216	4.51
1	1	HDTA101616	3.81

Mpt	Hb	Part#	List/E
1/4	1/4	HDTE2044	2.19
1/4	3/8	HDTE2046	2.19
1/4	1/2	HDTE2048	2.19
3/8	3/8	HDTE2066	2.19
1/2	3/8	HDTE2086	2.19
1/2	1/2	HDTE2088	2.19
1/2	3/4	HDTE20812	2.19
3/4	1/2	HDTE20128	2.74
3/4	3/4	HDTE201212	2.33
3/4	1	HDTE201216	2.74
1	3/4	HDTE201612	3.53
1	1	HDTE201616	2.93
1	1 1/4	HDTE201620	4.33
1 1/4	1	HDTE202016	4.33
1 1/4	1 1/4	HDTE202020	4.33
1 1/4	1 1/2	HDTE202024	12.51
1 1/2	1 1/4	HDTE202420	12.51
1 1/2	1 1/2	HDTE202424	10.42
2	1 1/2	HDTE203224	13.72
2	2	HDTE203232	11.44
3	3	HDTE204848	55.26

Mpt	Length	Part#	List/E
1/4	SH	HDTN5044SH	1.95
3/8	SH	HDTN5066SH	1.95
1/2	SH	HDTN5088SH	2.19
1/2	3	HDTN50883	5.26
3/4	SH	HDTN51212SH	1.86
3/4	4	HDTN512124	4.33
3/4	6	HDTN512126	5.07
1	SH	HDTN51616SH	2.70
1	4	HDTN516164	4.60
1	6	HDTN516166	5.67
1 1/4	SH	HDTN52020SH	3.21
1 1/4	4	HDTN520204	5.67
1 1/4	6	HDTN520206	6.47
1 1/2	SH	HDTN52424SH	4.93
1 1/2	3	HDTN524243	7.30
1 1/2	4	HDTN524244	12.19
1 1/2	5	HDTN524245	13.63
1 1/2	6	HDTN524246	14.33
2	SH	HDTN53232SH	5.58
2	4	HDTN532324	11.77
2	6	HDTN532326	13.77
3	SH	HDTN54848SH	17.53
3	4	HDTN548484	26.33
3	6	HDTN548486	33.95

Mpt	Mpt	Part#	List/E
1/2	3/8	HDTRN6086	3.26
3/4	1/2	HDTRN60128	3.49
1	1/2	HDTRN60168	4.47
1	3/4	HDTRN601612	4.14
1/4	3/4	HDTRN602012	4.74
1 1/4	1	HDTRN602016	4.33
1 1/2	1	HDTRN602416	5.12
1 1/2	1 1/4	HDTRN602420	4.60
2	1 1/4	HDTRN603220	6.23
2	1 1/2	HDTRN603224	5.07
3	2	HDTRN604832	17.44

Fpt	Fpt	Part#	List/E
1/4	1/4	HDCC44	5.86
3/8	3/8	HDCC66	6.60
1/2	1/2	HDCC88	6.60
3/4	3/4	HDCC1212	6.60
1	1	HDCC1616	6.23
1 1/4	1 1/4	HDCC2020	10.14
1 1/2	1 1/2	HDCC2424	14.00
2	2	HDCC3232	16.00
3	3	HDCC4848	45.26
1	3/4	HDRC1612	9.77
1 1/2	1	HDRC2416	16.60
1 1/2	1 1/4	HDRC2420	16.60
2	1/2	HDRC328	17.63
2	1	HDRC3216	14.70
2	1 1/4	HDRC3220	17.63
2	1 1/2	HDRC3224	14.70
3	2	HDRC4832	52.14



SCHEDULE 80 POLYPROPYLENE FITTINGS

SCHEDULE 80

Fpt	Part#	List/E
1/4	HDHC4	3.30
3/8	HDHC6	3.63
1/2	HDHC8	8.84
3/4	HDHC12	8.84
1	HDHC16	7.40
1 1/4	HDHC20	9.95
1 1/2	HDHC24	12.51
2	HDHC32	14.51

Mpt	Part#	List/E
1/4	HDTP4004	3.67
3/8	HDTP4006	3.63
1/2	HDTP4008	4.60
3/4	HDTP4012	4.60
1	HDTP4016	4.60
1 1/4	HDTP4020	4.60
1 1/2	HDTP4024	7.30
2	HDTP4032	6.09
3	HDTP4048	28.79

Fpt	Part#	List/E
1/4	HDTT4	6.19
3/8	HDTT6	6.37
1/2	HDTT8	5.58
3/4	HDTT12	6.00
1	HDTT16	8.65
1 1/4	HDTT20	11.95
1 1/2	HDTT24	14.28
2	HDTT32	17.81
3	HDTT48	84.84

Fpt	Fpt	Part#	List/E
1/4	1/4	HDEL44	4.74
3/8	3/8	HDEL66	6.37
1/2	1/2	HDEL88	5.77
3/4	3/4	HDEL1212	5.21
1	1	HDEL1616	6.14
1 1/4	1 1/4	HDEL2020	9.21
1 1/2	1 1/2	HDEL2424	14.47
2	2	HDEL3232	14.28
3	3	HDEL4848	72.70

Hb	Hb	Part#	List/E
1/4	1/4	HDTC7044	1.67
3/8	3/8	HDTC7066	2.05
1/2	1/2	HDTC7088	2.09
3/4	3/4	HDTC71212	2.28
1	1	HDTC71616	2.74
1 1/4	1 1/4	HDTC72020	3.12
1 1/2	1 1/2	HDTC72424	5.53
2	2	HDTC73232	6.98
3	3	HDTC74848	21.72

Mpt	Fpt	Part#	List/E
3/8	1/4	HDRB64	4.33
1/2	1/4	HDRB84	3.58
1/2	3/8	HDRB86	4.33
3/4	1/8	HDRB122	4.33
3/4	1/4	HDRB124	4.33
3/4	3/8	HDRB126	4.33
3/4	1/2	HDRB128	4.33
1	1/8	HDRB162	3.81
1	1/4	HDRB164	4.60
1	1/2	HDRB168	4.60
1	3/4	HDRB1612	3.81
1 1/4	3/8	HDRB206	3.81
1 1/4	3/4	HDRB2012	4.60
1 1/4	1	HDRB2016	4.60
1 1/2	3/4	HDRB2412	6.05
1 1/2	1	HDRB2416	6.05
1 1/2	1 1/4	HDRB2420	6.05
2	3/4	HDRB3212	5.49
2	1	HDRB3216	5.49
2	1 1/4	HDRB3220	6.60
2	1 1/2	HDRB3224	5.49
3	1 1/2	HDRB4824	27.49
3	2	HDRB4832	22.88
4	3	HDRB6448	42.60

Mpt	Fpt	Part#	List/E
1/4	1/4	HDSE44	4.71
3/8	3/8	HDSE66	5.53
1/2	1/2	HDSE88	5.07
3/4	3/4	HDSE1212	5.40
1	1	HDSE1616	6.37
1 1/4	1 1/4	HDSE2020	8.74
1 1/2	1 1/2	HDSE2424	12.42
2	2	HDSE3232	14.74
3	3	HDSE4848	74.98
3/4	3/4	HDSEQ1212	10.42
1	1	HDSEQ1616	13.95
1 1/4	1 1/4	HDSEQ2020	17.30
1 1/2	1 1/2	HDSEQ2424	18.47
2	2	HDSEQ3232	19.91
3	3	HDSEQ4848	82.37

Hb	Hb	Hb	Part#	List/E
1/4	1/4	1/4	HDTT9444	2.47
3/8	3/8	3/8	HDTT9666	2.47
1/2	1/2	1/2	HDTT9888	3.21
3/4	3/4	3/4	HDTT9121212	3.81
1	1	1	HDTT9161616	3.35
2	2	2	HDTT9323232	15.30
3	3	3	HDTT9484848	42.60
3/8	1/2	1/2	HDTT9688	3.21
1/2	3/4	3/4	HDTT981212	3.81
3/4	1/2	1/2	HDTT91288	3.81
1	3/4	3/4	HDTT9161212	3.26
3/4	1	1	HDTT9121616	3.35



SWIVEL NUTS

Sw Nut	Nylon	List/E	Polypropylene	List/E
FGHT	GHN12	.50	GHN12PP	.49
3/4 FPS	HN12	.51	HN12PP	1.02



SW NUT HB INSERTS

Hb Insert	Nylon	List/E	Polypropylene	List/E
1/4	GHA4	.38	GHA4PP	.39
3/8	GHA6	.38	GHA6PP	.41
1/2	GHA8	.38	GHA8PP	.42
5/8	GHA10	.43	GHA10PP	.43
3/4	GHA12	.43	GHA12PP	.43
1/2 MPT	GHA8-MPT	1.55	GHA8PP-MPT	1.47



WASHERS

Washer	Part#	List/E	Material	Mesh
Flat Washer	GHW	.18	PVC	
Filter Washer	FWG3030	.54	PVC/St Steel	30
Filter Washer	FWG6050	.54	PVC/St Steel	50



GARDEN HOSE CAP

Fght	Nylon	List/E	Polypropylene	List/E
3/4	GHC12	.66	GHC12PP	.58

Illustration Only
Please call for specific part drawing



GFA

Mght	Fpt	Nylon	List/E	Polypropylene	List/E
3/4	1/4	GFA124	2.12	GFA124PP	1.84
3/4	1/2	GFA128	1.86	GFA128PP	1.86
3/4	3/4	GFA1212	1.83	GFA1212PP	1.84



GMA

Fght	Mpt	Nylon	List/E	Polypropylene	List/E
3/4	3/4	GMA1212	1.80	GMA1212PP	1.84
3/4	3/4 Mght	FGP12	1.81	FGP12PP	1.84



GHF

Fght	Fpt	Nylon	List/E	Polypropylene	List/E
3/4	1/2	GHF128	1.86	GHF128PP	1.84
3/4	3/4	GHF1212	4.10	GHF1212PP	3.85



GHV2

Fght	Fght	Nylon	List/E	Polypropylene	List/E
3/4	3/4	FGHT1212	3.93	FGHT1212PP	3.70

Fght	Mght	Nylon	List/E	Polypropylene	List/E
3/4	3/4 (1)	GHV1	3.57		
3/4	3/4 (2)	GHV2	4.64		

Illustration Only
Please call for specific part drawing



NIPPLE MGHT X MPT

Mpt	Nylon	List/E	Polypropylene	List/E
3/8	GPN6	.63	GPN6PP	.62
1/2	GPN8	.63	GPN8PP	.61
3/4	GPN12	.74	GPN12PP	.62
1	GPN16	.82	GPN16PP	.80



STR. MGHT X HB

Mght	Nylon	List/E	Polypropylene	List/E
3/4	GN12	1.27	GN12PP	1.35

Hb	Nylon	List/E	Polypropylene	List/E
1/4	GA104	.74	GA104PP	.60
3/8	GA106	.63	GA106PP	.59
1/2	GA108	.64	GA108PP	.60
5/8	GA1010	.65	GA1010PP	.61
3/4	GA1012	.71	GA1012PP	.61



ELBOW MGHT X HB

Hb	Nylon	List/E	Polypropylene	List/E
1/4	GE204*	1.38	GE204PP*	1.03
3/8	GE206*	1.17	GE206PP*	1.03
1/2	GE208*	1.16	GE208PP*	1.03
5/8	GE2010*	1.32	GE2010PP*	1.10
3/4	GE2012*	1.48	GE2012PP*	1.10



TEE MGHT X HB

Hb	Nylon	List/E	Polypropylene	List/E
3/8	GT126*	1.73	GT126PP*	1.68
1/2	GT128*	1.83	GT128PP*	1.74
5/8	GT1210*	1.96	GT1210PP*	1.81
3/4	GT1212*	1.96	GT1212PP*	1.86



GARDEN HOSE PLUG

Mght	Nylon	List/E	Polypropylene	List/E
3/4	GHP12	.74	GHP12PP	.74

Illustration Only
Please call for specific part drawing

* Special Order Item. Please Call.



**GARDEN HOSE
CAM LEVER COUPLINGS**

Yellow Fiberglass Polypropylene
Standard 3/4" Opening Diameter
Durable, Rustproof Construction
Easily Connects Hose to Spigot,
Sprinklers, Nozzle or other accessories



Adapt	Fght	Part#	List/E
3/4	3/4	CLGH075A	8.72

Coupl	Mght	Part#	List/E
3/4	3/4	CLGH075B	18.50

Coupl	Fght	Part#	List/E
3/4	3/4	CLGH075D	18.50

Adapt	Mght	Part#	List/E
3/4	3/4	CLGH075F	8.72

Mpt	Fght	Part#	List/E
3/4	3/4	CLGH075MPT	4.15

Fpt	Mght	Part#	List/E
3/4	3/4	CLGH075FPT	4.15

LOW PROFILE



FILTER AREA - 3.95 SQ IN

- POLYPRO (L.P. Standard Assy) ListEA \$ 9.40**
 1. POLY TOP (RVM)
 2. EPDM OR BUNA GASKET (RVM44GB OR E)
 3. 20,40, OR 80 MESH SCREEN (RVM44 __)
 4. CLEAR BOWL (RVM44BC)

- OPTIONS**
- 1. FEMALE TOPS (RVLF) add 1.10
 - 1. BARB TOP (RVB) add .62
 - 2. VITON GASKET (RVM44GV) add 1.25
 - 3. 20, 40, OR 80 MESH CAGED SCREEN add .71
 - 3. 250 MESH CAGED SCREEN add 1.50
 - 4. POLY BOWL (RVM44BP) add .27

- NYLON (L.P. Standard Assy) ListEA \$ 9.40**
 1. NYLON TOP (RVM)
 2. EPDM OR BUNA GASKET (RVM44GB OR E)
 3. 20,40, OR 80 MESH SCREEN (RVM44 __)
 4. CLEAR BOWL (RVM44BC)

- OPTIONS**
- 1. FEMALE TOPS (RVLF) add 2.69
 - 1. BARB TOP (RVB) add .62
 - 2. VITON GASKET (RVM44GV) add 1.25
 - 3. 20, 40, OR 80 MESH CAGED SCREEN add .71
 - 3. 250 MESH CAGED SCREEN add 1.50
 - 4. NYLON BOWL (RVM44BN) add 1.32



HOW TO ORDER

1. TOP	MPT(RVM) 1/4(44)	FPT(RVLF) 3/8(66)	HB(RVB) 1/2(88)
	POLY(P) NYLON(N)		
2. GASKET	EPDM(E)	VITON(V)	BUNA(B)
3. SCREEN	20M(20)	40M(40)	80M(80)
4. BOWL	POLY(P)	NYLON(N)	CLEAR(C)

EXAMPLE: RVM 44 P E 40 P

MINI STRAINER



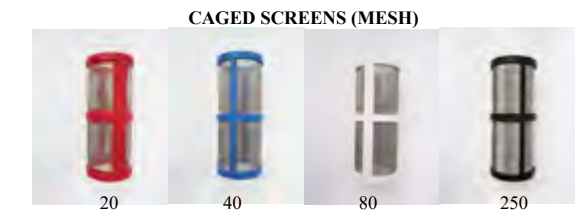
FILTER AREA - 7.71 SQ IN

- POLYPRO (Standard Assy) ListEA \$ 12.97**
 1. POLY TOP (RVM)
 2. EPDM OR BUNA GASKET (RVM44GB OR E)
 3. 20 OR 40 MESH SCREEN (RVM445 __)
 4. CLEAR BOWL (RVM445BC)

- OPTIONS**
- 1. FEMALE TOPS (RVLF) add 1.10
 - 1. BARB TOP (RVB) add .62
 - 2. VITON GASKET (RVM44GV) add 1.25
 - 3. 80 MESH STAINLESS SCREEN add .49
 - 3. 20,40, OR 80 MESH CAGED SCREEN add .36
 - 3. 250 MESH CAGED SCREEN add 1.37
 - 4. POLY BOWL (RVM445BP) add .84

- NYLON (Standard Assy) ListEA \$ 15.66**
 1. NYLON TOP (RVM)
 2. EPDM OR BUNA GASKET (RVM44GB OR E)
 3. 20 OR 40 MESH SCREEN (RVM445 __)
 4. CLEAR BOWL (RVM445BC)

- OPTIONS**
- 1. FEMALE TOPS (RVLF) add 2.69
 - 1. BARB TOP (RVB) add .62
 - 2. VITON GASKET (RVM44GV) add 1.25
 - 3. 80 MESH STAINLESS SCREEN add .49
 - 3. 20,40, OR 80 MESH CAGED SCREEN add .36
 - 3. 250 MESH CAGED SCREEN add 1.37
 - 4. NYLON BOWL (RVM445BN) add 6.84



HOW TO ORDER

1. TOP	MPT(RVM) 1/4(445)	FPT(RVLF) 3/8(665)	HB(RVB) 1/2(885)
	POLY(P) NYLON(N)		
2. GASKET	EPDM(E)	VITON(V)	BUNA(B)
3. SCREEN	20M(20)	40M(40)	80M(80)
4. BOWL	POLY(P)	NYLON(N)	CLEAR(C)

EXAMPLE: RVM 445 P E 40 P

LOW PROFILE STRAINER PARTS

COMPONENT(1)	SIZE/PORT	NYLON #	LIST/EA	POLYPRO #	LIST/EA	
TOP	1/8" MPT	RVM22TN	3.84	RVM22TP	3.84	
TOP	1/4" MPT	RVM44TN	3.84	RVM44TP	3.84	
TOP	3/8" MPT	RVM66TN	3.84	RVM66TP	3.84	
TOP	1/2" MPT	RVM88TN	3.84	RVM88TP	3.84	
TOP	1/4" HB	RVB44TN	4.46	RVB44TP	4.46	
TOP	3/8" HB	RVB66TN	4.46	RVB66TP	4.46	
TOP	1/2" HB	RVB88TN	4.46	RVB88TP	4.46	
TOP	1/8" FPT	RVLF22TN	6.53	RVLF22TP	4.94	
TOP	1/4" FPT	RVLF44TN	6.53	RVLF44TP	4.94	
TOP	3/8" FPT	RVLF66TN	6.53	RVLF66TP	4.94	
TOP	1/2" FPT	RVLF88TN	6.53	RVLF88TP	4.94	
COMPONENT(2)	MATERIAL	TEMP MIN	COLOR	PART #	LIST/EA	
GASKET	BUNA	0 F	BLACK	RVM44GB	.43	
GASKET	EPDM	-40 F	RED	RVM44GE	.43	
GASKET	VITON	10 F	GREEN	RVM44GV	1.68	
COMPONENT(3)	MATERIAL	MESH*	MICRON+	ID" x L"	PART #	LIST/EA
SCREEN	ST STEEL	20	915	.94 x 1.34	RVM4420	1.81
SCREEN	ST STEEL CAGED	20	915	"	RVM4420C	2.52
SCREEN	ST STEEL	40	480	"	RVM4440	1.81
SCREEN	ST STEEL CAGED	40	480	"	RVM4440C	2.52
SCREEN	ST STEEL	80	178	"	RVM4480	1.81
SCREEN	ST STEEL CAGED	80	178	"	RVM4480C	2.52
SCREEN	ST STEEL	100	80	"	RVM44100	4.27
SCREEN	ST STEEL	250	40	"	RVM44250	4.81
SCREEN	ST STEEL CAGED	250	40	"	RVM44250C	3.31
SCREEN	POLYETH	90			RVM4490PE	3.22
COMPONENT(4)	MATERIAL	PART #	LIST/EA			
BOWL	NYLON	RVM44BN	4.63			
BOWL	POLYPRO	RVM44BP	3.58			
BOWL	CLEAR NYLON	RVM44BC	3.31			

*Mesh is defined as the number of wires per linear inch measured from center of wire to center of wire.
 †Micron is defined as one thousandth of a millimeter.

MINI STRAINER PARTS

COMPONENT(1)	SIZE/PORT	NYLON #	LIST/EA	POLYPRO #	LIST/EA	
TOP	1/8" MPT	RVM22TN	3.84	RVM22TP	3.84	
TOP	1/4" MPT	RVM44TN	3.84	RVM44TP	3.84	
TOP	3/8" MPT	RVM66TN	3.84	RVM66TP	3.84	
TOP	1/2" MPT	RVM88TN	3.84	RVM88TP	3.84	
TOP	1/4" HB	RVB44TN	4.46	RVB44TP	4.46	
TOP	3/8" HB	RVB66TN	4.46	RVB66TP	4.46	
TOP	1/2" HB	RVB88TN	4.46	RVB88TP	4.46	
TOP	1/8" FPT	RVLF22TN	6.53	RVLF22TP	4.94	
TOP	1/4" FPT	RVLF44TN	6.53	RVLF44TP	4.94	
TOP	3/8" FPT	RVLF66TN	6.53	RVLF66TP	4.94	
TOP	1/2" FPT	RVLF88TN	6.53	RVLF88TP	4.94	
COMPONENT(2)	MATERIAL	TEMP MIN	COLOR	PART #	LIST/EA	
GASKET	BUNA	0 F	BLACK	RVM44GB	.43	
GASKET	EPDM	-40 F	RED	RVM44GE	.43	
GASKET	VITON	10 F	GREEN	RVM44GV	1.68	
COMPONENT(3)	MATERIAL	MESH*	MICRON+	ID" x L"	PART #	LIST/EA
SCREEN	ST STEEL	20	915	.94 x 2.63	RVM44520	2.56
SCREEN	ST STEEL CAGED	20	915	"	RVM44520C	2.92
SCREEN	ST STEEL	40	480	"	RVM44540	2.56
SCREEN	ST STEEL CAGED	40	480	"	RVM44540C	2.92
SCREEN	ST STEEL	80	178	"	RVM44580	3.05
SCREEN	ST STEEL CAGED	80	178	"	RVM44580C	2.92
SCREEN	ST STEEL	250	40	"	RVM445250	12.97
SCREEN	ST STEEL CAGED	250	40	"	RVM445250C	3.93
COMPONENT(4)	MATERIAL	PART #	LIST/EA			
BOWL	NYLON	RVM445BN	7.28			
BOWL	POLYPRO	RVM445BP	6.97			
BOWL	CLEAR NYLON	RVM445BC	6.13			

*Mesh is defined as the number of wires per linear inch measured from center of wire to center of wire.
 †Micron is defined as one thousandth of a millimeter.

INTERMEDIATE



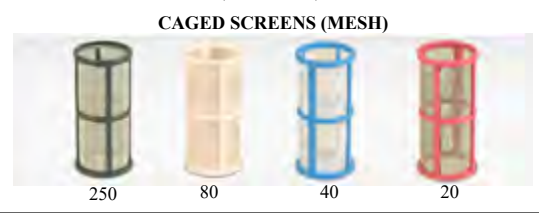
FILTER AREA - 17.33 SQ IN

- POLYPRO (Standard Assembly) List/EA \$ 15.22**
1. POLY TOP (RVF)
 2. EPDM GASKET(RVF66GE)
 3. 20 OR 40 MESH SCREEN(RVF66__)
 4. POLY BOWL(RVF66BP)

- OPTIONS**
1. TAB TOP (RVT) add .84
 2. BUNA GASKET (RVF66GB) add .35
 2. VITON GASKET (RVF66GV) add 2.95
 3. 80 MESH SCREEN (RVF6680S) add .75
 3. 20,40, OR 80 MESH CAGED SCREEN add .22
 3. 100 MESH SCREEN (RVF66100) add 1.90
 3. 250 MESH CAGED SCREEN (RVF66250C) add 2.52
 3. CAGED POLY SCREEN (RVF66__P) add 4.46
 4. CLEAR NYLON BOWL (RVF66BC) add 7.23

- NYLON (Standard Assembly) List/EA \$ 21.35**
1. NYLON TOP (RVF)
 2. EPDM OR BUNA GASKET(RVF66GB OR E)
 3. 20 OR 40 MESH SCREEN(RVF66__)
 4. NYLON BOWL (RVF66BN)

- OPTIONS**
2. BUNA GASKET (RVF66GB) add .35
 2. VITON GASKET (RVF66GV) add 2.95
 3. 80 MESH SCREEN (RVF6680S) add .75
 3. 20, 40, OR 80 MESH CAGED SCREEN add .22
 3. 100 MESH SCREEN (RVF66100) add 1.90
 3. 250 MESH CAGED SCREEN (RVF66250C) add 2.52
 4. CLEAR NYLON BOWL (RVF66BC) add 5.07



CAGED SCREENS (MESH)

250

80

40

20

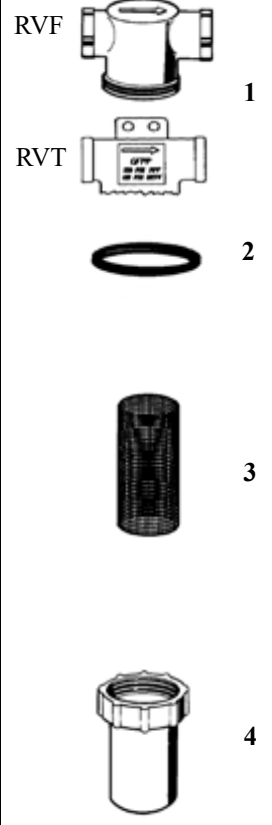
HOW TO ORDER

1. TOP	FPT(RVF)	TAB(RVT-POLY ONLY)	
	3/8"(66)	1/2"(88)	3/4"(1212)
	POLY(P)	NYLON(N)	
2. GASKET	EPDM(E)	VITON(V)	BUNA(B)
3. SCREEN	20M(20)	40M(40)	80M(80)
4. BOWL	POLY(P)	NYLON(N)	CLEAR(C)

EXAMPLE: RVF 88 N V 40 C

INTERMEDIATE STRAINER PARTS

COMPONENT(1)	SIZE/PORT	NYLON #	PRICE	POLYPRO #	LIST/EA	
TOP	3/8" FPT	RVF66TN	9.35	RVF66TPN	5.38	
TOP	1/2" FPT	RVF88TN	9.35	RVF88TPN	5.38	
TOP	3/4" FPT	RVF1212TN	9.35	RVF1212TPN	5.38	
TOP	1" FPT	RVF1616TN*	9.35	RVF1616TP*	5.38	
TOP	3/8" FPT TAB			RVT66TP	6.22	
TOP	1/2" FPT TAB			RVT88TP	6.22	
TOP	3/4" FPT TAB			RVT1212TP	6.22	
COMPONENT(2)	MATERIAL	TEMP MIN	COLOR	PART #	LIST/EA	
GASKET	BUNA	0 F	BLACK	RVF66GB	.93	
GASKET	EPDM	-40 F	RED	RVF66GE	.58	
GASKET	VITON	10 F	GREEN	RVF66GV	3.53	
COMPONENT(3)	MATERIAL	MESH*	MICRON+	ID" x L"	PART #	LIST/EA
SCREEN	ST STEEL	20	915	1.49 x 3.75	RVF6620S	3.44
SCREEN	ST STEEL	40	480	"	RVF6640S	3.44
SCREEN	ST STEEL	80	178	"	RVF6680S	4.19
SCREEN	ST STEEL	100	80	"	RVF66100	5.34
SCREEN	ST STEEL	250	40	"	RVF66250	16.27
SCREEN	POLYETHYLENE	90		1.00 x 3.52	RVF6690PE	6.31
SCREEN	CAGED ST	20	915	1.49 x 3.75	RVF6620C	3.66
SCREEN	CAGED ST	40	480	"	RVF6640C	3.66
SCREEN	CAGED ST	80	178	"	RVF6680C	3.66
SCREEN	CAGED ST	250	40	"	RVF66250C	5.96
SCREEN	CAGED POLY	20	915	"	RVF6620P	7.90
SCREEN	CAGED POLY	40	480	"	RVF6640P	7.90
SCREEN	CAGED POLY	80	178	"	RVF6680P	7.90
*Mesh is defined as the number of wires per linear inch measured from center of wire to center of wire.						
+Micron is defined as one thousandth of a millimeter						
COMPONENT(4)	MATERIAL	COLOR	PART #	LIST/EA		
BOWL	NYLON	WHITE	RVF66BN	7.99		
BOWL	POLYPRO	BLACK	RVF66BP	5.83		
BOWL	CLEAR NYLON	CLEAR	RVF66BC	13.06		



LARGE STRAINER



FILTER AREA:
1" - 29.73 SQ IN
1 1/4" - 31.84 SQ IN
1 1/2" - 38.27 SQ IN

HOW TO ORDER

1. TOP	FPT=RVF	1=1616	1 1/4=2020	1 1/2=2424
		POLY=P	NYLON=N	
2. GASKET	EPDM=E	VITON=V	BUNA=B	
3. SCREEN	20M=20	40M=40	80M=80	
4. BOWL	POLY=P	NYLON=N	CLEAR=C	

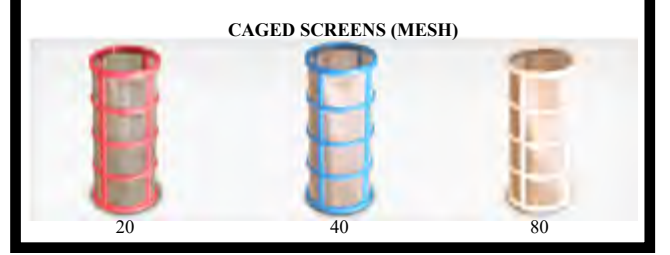
EXAMPLE: RVF 1616 N V 40 N
PLEASE NOTE: ALL LARGE STRAINERS USE THE SAME GASKET & BOWL

- POLYPRO (Std Assembly) List/EA**
1. POLY TOP 1" \$ 29.59
 2. EPDM OR BUNA GASKET 1 1/4" \$ 30.12
 3. 20 OR 40 MESH SCREEN 1 1/2" \$ 30.56
 4. POLY BOWL(RVF1616BP)

- OPTIONS**
2. VITON GASKET (RVF1616GV) add 3.92
 3. 20, 40, OR 80 MESH CAGED SCREEN (1") add 2.30
 3. 20, 40, OR 80 MESH CAGED SCREEN (1 1/4") add 1.99
 3. 20, 40, OR 80 MESH CAGED SCREEN (1 1/2") add 1.77
 4. CLEAR NYLON BOWL (RVF1616BC) add 14.42

- NYLON (Std Assembly) List/EA**
1. NYLON TOP 1" \$ 41.05
 2. EPDM OR BUNA GASKET 1 1/4" \$ 41.58
 3. 20 OR 40 MESH SCREEN 1 1/2" \$ 42.02
 4. NYLON BOWL(RVF1616BN)

- OPTIONS**
2. VITON GASKET (RVF1616GV) add 3.92
 3. 20, 40, OR 80 MESH CAGED SCREEN (1") add 2.30
 3. 20, 40, OR 80 MESH CAGED SCREEN (1 1/4") add 1.99
 3. 20, 40, OR 80 MESH CAGED SCREEN (1/12") add 1.77
 4. CLEAR NYLON BOWL (RVF1616BC) add 8.20



CAGED SCREENS (MESH)

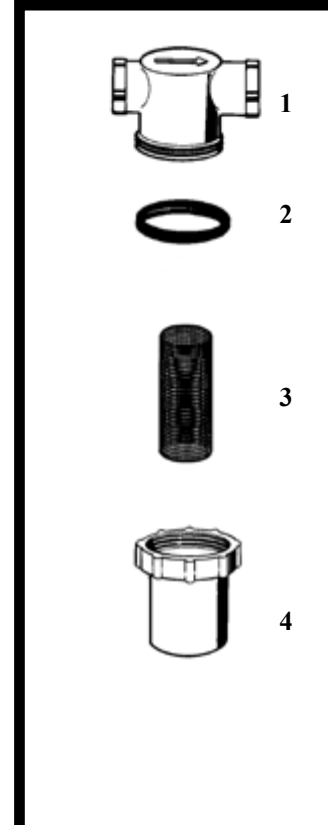
20


40

80

LARGE STRAINER PARTS


COMPONENT(1)	SIZE/PORT	NYLON #	PRICE	POLYPRO #	LIST/EA	
TOP	1" FPT	RVF1616TN	19.67	RVF1616TP	14.42	
TOP	1 1/4" FPT	RVF2020TN	19.67	RVF2020TP	14.42	
TOP	1 1/2" FPT	RVF2424TN	19.67	RVF2424TP	14.42	
COMPONENT(2)	MATERIAL	TEMP MIN	COLOR	PART #	LIST/EA	
GASKET	BUNA	0 F	BLACK	RVF1616GB	.89	
GASKET	EPDM	-40 F	RED	RVF1616GE	.89	
GASKET	VITON	10 F	GREEN	RVF1616GV	4.81	
COMPONENT(3)	MATERIAL	MESH*	MICRON+	ID" x L"	PART #	LIST/EA
SCREEN-1"	ST STEEL	20	915	2.24 x 4.24	RVF161620	4.72
SCREEN-1"	ST STEEL CAGED	20	915	"	RVF161620C	7.02
SCREEN-1"	ST STEEL	40	480	"	RVF161640	4.72
SCREEN-1"	ST STEEL CAGED	40	480	"	RVF161640C	7.02
SCREEN-1"	ST STEEL CAGED	80	178	"	RVF161680C	7.02
SCREEN-1 1/4"	ST STEEL	20	915	2.24 x 4.54	RVF202020	5.25
SCREEN-1 1/4"	ST STEEL CAGED	20	915	"	RVF2020C	7.24
SCREEN-1 1/4"	ST STEEL	40	480	"	RVF202040	5.25
SCREEN-1 1/4"	ST STEEL CAGED	40	480	"	RVF202040C	7.24
SCREEN-1 1/4"	ST STEEL CAGED	80	178	"	RVF202080C	7.24
SCREEN-1 1/2"	ST STEEL	20	915	2.24 x 5.45	RVF242420	5.69
SCREEN-1 1/2"	ST STEEL CAGED	20	915	"	RVF242420C	7.46
SCREEN-1 1/2"	ST STEEL	40	480	"	RVF242440	5.69
SCREEN-1 1/2"	ST STEEL CAGED	40	480	"	RVF242440C	7.46
SCREEN-1 1/2"	ST STEEL CAGED	80	178	"	RVF242480C	7.46
*Mesh is defined as the number of wires per linear inch measured from center of wire to center of wire.						
+Micron is defined as one thousandth of a millimeter						
COMPONENT(4)	MATERIAL	COLOR	PART #	LIST/EA		
BOWL	NYLON	WHITE	RVF1616BN	15.79		
BOWL	POLYPRO	BLACK	RVF1616BP	9.57		
BOWL	CLEAR NYLON	CLEAR	RVF1616BC	23.99		





SUCTION LINE STRAINERS
MOLDED PVC BASE
ST. STEEL SCREENS

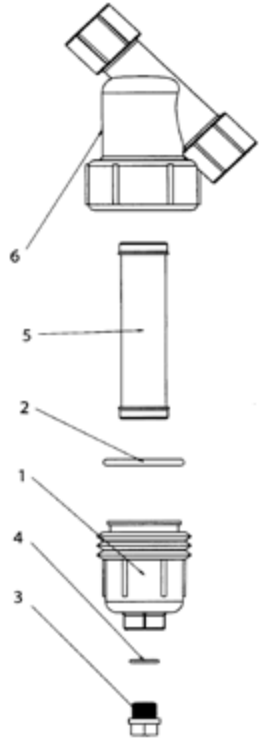
Fpt	Mesh	Part #	List/E
1/4	20	RV663-20	4.90
1/4	40	RV663	4.90
1/4	80	RV663-80	4.90
1/4	100	RV663-100	5.35
3/8	40	RV6631	5.40
3/8	80	RV6631-80	5.40
1/2	40	RV6632	6.45
1/2	80	RV6632-80	6.45
3/4	40	RV6633	7.05
1	40	RV6634	10.25
1 1/2	40	RV6636	12.10



Y STRAINERS
POLYPROPYLENE BODY
EPDM GASKET
(VITON AVAILABLE)
ST. STEEL SCREENS
FPT THREADS

Fpt	Part #	List/E
1/2	YST88PE_P	60.31
3/4	YST1212PE_P	60.31
1	YST1616PE_P	60.31
1 1/4	YST2020PE_P	60.31
1 1/2	YST2424PE_P	132.73
2	YST3232PE_P	132.73
3	YST4848PE_P	804.19

Please specify screen when ordering. See parts list below for sizes.



Y STRAINER PARTS

COMPONENT(1,2,6)	SIZE	PART #	LIST/E	
BODY, CAP & EPDM GASKET	1/2	YST88-B/C	29.69	
BODY, CAP & EPDM GASKET	3/4	YST1212-B/C	29.69	
BODY, CAP & EPDM GASKET	1	YST1616-B/C	29.69	
BODY, CAP & EPDM GASKET	1 1/4	YST2020-B/C	29.69	
BODY, CAP & EPDM GASKET	1 1/2	YST2424-B/C	66.61	
BODY, CAP & EPDM GASKET	2	YST3232-B/C	66.61	
BODY, CAP & EPDM GASKET	3	YST4848-B/C	598.37	
COMPONENT(2) MATERIAL	SIZE	PART #	LIST/E	
GASKET VITON	1/2 & 3/4	YST88-GV	9.47	
GASKET VITON	1 & 1 1/4	YST1616-GV	10.93	
GASKET VITON	1 1/2 & 2	YST2424-GV	21.67	
GASKET VITON	3	YST4848-GV	57.62	
COMPONENT(5) MAT	SIZE	MESH MICRON	PART #	LIST/E
SCREEN ST STEEL	1/2 & 3/4	20 841	YST88-20	37.71
SCREEN "	"	40 446	YST88-40	34.32
SCREEN "	"	80 177	YST88-80	37.71
SCREEN ST STEEL	1 & 1 1/4	20 841	YST1616-20	37.71
SCREEN "	"	40 446	YST1616-40	37.71
SCREEN "	"	80 177	YST1616-80	34.32
SCREEN ST STEEL	1 1/2 & 2	6 3360	YST3232-6	74.67
SCREEN "	"	8 2380	YST3232-8	73.70
SCREEN "	"	12 1680	YST3232-12	67.84
SCREEN "	"	20 841	YST3232-20	67.84
SCREEN "	"	30 595	YST3232-30	67.84
SCREEN "	"	50 297	YST3232-50	67.84
SCREEN "	"	80 177	YST3232-80	67.84
SCREEN "	"	120 116	YST3232-120	74.67
SCREEN POLYPRO	"	20 841	YST3232-20P	67.84
SCREEN POLYPRO	"	50 297	YST3232-50P	67.84
SCREEN ST STEEL	3	4	YST4848-4	224.76
SCREEN "	"	8 2380	YST4848-8	224.76
SCREEN "	"	12 1680	YST4848-12	224.76
SCREEN "	"	20 841	YST4848-20	204.32
SCREEN "	"	50 297	YST4848-50	204.32



NOZZLE STRAINERS
POLYPRO BODY
ST. STEEL SCREENS

Mesh	Part #	List/E
50 (Blue)	MC55550	1.32
100 (Green)	MC555100	1.32
200	MC555200	2.98
50/Check	MC55550C	3.05
100/Check	MC555100C	3.05
200/Check	MC555200C	4.92



BOOM CLAMPS, STEEL

Size	Part #	List/E
1" SQ	B111C	2.98
1 1/4" SQ	B1114C	3.07
3/4" RD	B1134RC	2.72
1" RD	B111RC	2.98



NO DRIP NOZZLE FITTINGS

Hb/Type	Part #	List/E
1/2" Elbow	DFNTL12	15.98
3/4" Elbow	DFNTL34	15.98
1/2" Tee	DFNTT12	15.98
3/4" Tee	DFNTT34	15.98



AGITATOR & TEE

Description	Part #	List/E
Agitator	T10VHPP	5.55
Agitator Tee	T34TEPP	7.25
Short Tee	T34TESPP	3.64
Extension	T34TEXPP	3.36



12V VALVE
NYLON BODY, SANTO DIAPHRAGM, VITON "O" RINGS, 150 PSI MAX

Description	Part #	List/E
1 FP Valve	EVC700	132.30
Diaphragm	EVC700-D	10.77
Solenoid	EVC700-S	71.55



COMBINATION TANK ADAPT

Nylon	List/E	Polypropylene	List/E
T20CM	14.43	T20CMPP	14.30



MANIFOLD

Fpt	Fpt	Part #	List/E
3/4" In	1/2" Out	M1284	53.44



NOZZLE ELBOW



NOZZLE TEE



NOZZLE CROSS



NOZZLE STRAIGHT

Hb	Nylon	List/E	Polypropylene	List/E
1/4	T014EL	1.48	T014ELPP	1.27
3/8	T01EL	1.11	T01ELPP	1.19
1/2	T03EL	1.14	T03ELPP	1.23
5/8	T05EL	1.38	T05ELPP	1.27
3/4	T04EL	1.35	T04ELPP	1.69
Hb	Nylon	List/E	Polypropylene	List/E
3/8	T01TE	1.33	T01TEPP	1.26
1/2	T03TE	1.39	T03TEPP	1.33
5/8	T05TE	2.38	T05TEPP	3.45
3/4	T04TE	1.89	T04TEPP	1.77
Hb	Nylon	List/E	Polypropylene	List/E
3/8	T01CR	1.54	T01CRPP	1.90
1/2	T03CR	1.82	T03CRPP	1.96
3/4	T04CR	3.03	T04CRPP	2.72
Hb	Nylon	List/E	Polypropylene	List/E
3/8	T01ST	.86	T01STPP	.86
1/2	T03ST	.86	T03STPP	.88
3/4	T04ST	1.65	T04STPP	1.63

NOTE: ALL NOZZLE FITTINGS INCLUDE LOCKNUT (T03NT)



T03CA



T36_



T03NT



T0_AD



NN_F



NN_

Part	Nylon	List/E	Polypropylene	List/E	
Nozzle Sw Nut	T03CA	.36	T03CAPP	.39	
Winged Sw Nut	T03WG	.84	T03WGPP	.86	
Hb	Nylon	List/E	Polypropylene	List/E	
1/4	T3614	.46	T3614PP	.41	
3/8	T3638	.45	T3638PP	.39	
1/2	T3612	.50	T3612PP	.45	
Part	Nylon	List/E	Polypropylene	List/E	
Locknut	T03NT	.25	T03NTPP	.24	
Nozzle Cap	T03BL	.38	T03BLPP	.42	
Blank Disc			T03PLPP	.57	
Washer	T03WA	.32	T03WAPP	.32	
Thr	Fpt	Nylon	List/E	Polypropylene	List/E
Fnbt	1/8	T02AD	1.06	T02ADPP	1.06
Fnbt	1/4	T03AD	1.06	T03ADPP	1.05
Thr	Fpt	Nylon	List/E	Polypropylene	List/E
Mnbt	1/8	NN2F	1.66	NN2FPP	1.59
Mnbt	1/4	NN4F	1.66	NN4FPP	1.59
Thr	Mpt	Nylon	List/E	Polypropylene	List/E
Mnbt	1/4	NN4	.54	NN4PP	.49
Mnbt	1/2	NN8	.61	NN8PP	.51

PUMPS

PUMP#	VOLTS	GPM/PSI	STYLE	VALVES	DIAPHRAGM	LIST/EA
8000543236	12V	1.8/60	SWITCH	VITON	SANTOPRENE	207.50
8007543836	12V	1.8/60	SW/FUSE	VITON	SANTOPRENE	254.36
8006543250	12V	1.8/45	BYPASS	VITON	SANTOPRENE	223.77
8006591250	12V	.18/45	BYPASS	VITON	SANTOPRENE	205.00
8005233236	115V	1.4/60	SWITCH	EPDM	SANTOPRENE	311.05
8000933250	115V	1.4/45	BYPASS	EPDM	SANTOPRENE	246.82
2088343135	12V	3.0/45	SWITCH	VITON	SANTOPRENE	289.55
2088514144	12V	4.0/45	SWITCH	SANTO	SANTOPRENE	406.14
2088514500	12V	4.0/45	BYPASS	SANTO	SANTOPRENE	383.86
2088594154	115V	3.3/45	SWITCH	SANTO	SANTOPRENE	326.27
50591311D011	12V	5.3/60	SWITCH	VITON	SANTOPRENE	465.00
50593611D011	115V	5.3/60	BYPASS	VITON	SANTOPRENE	465.00
DHP2	12V	7.0/45	SWITCH	VITON	SANTOPRENE	715.00



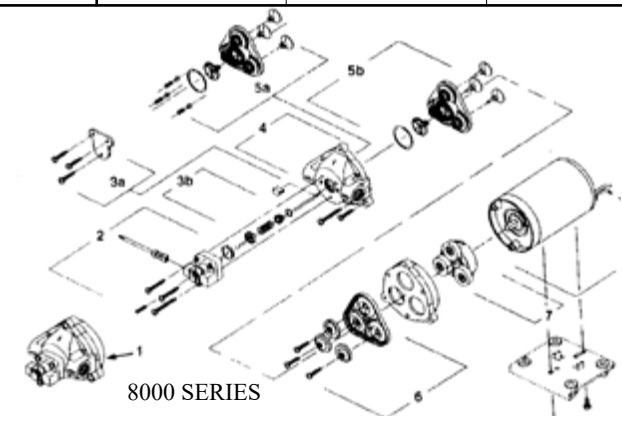
8000 SERIES



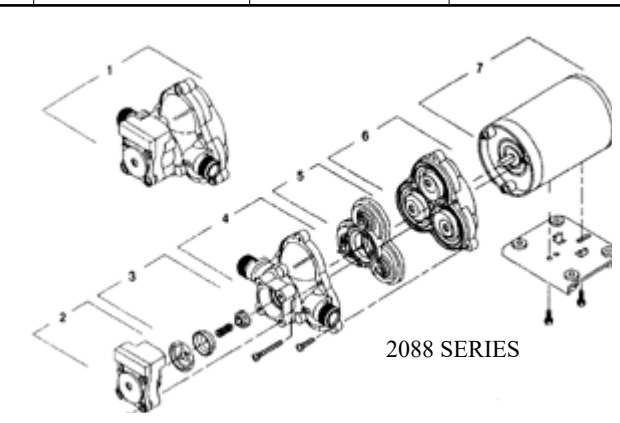
2088 SERIES

REPLACEMENT PARTS

PUMP#	SWITCH KIT(2)		CHECK VALVE(3)		HOUSING(4)		VALVES-VITON(5)		VALVES-EPDM(5)		DIAPHRAGM(6)	
	PART#	LIST	PART#	LIST	PART#	LIST	PART#	LIST	PART#	LIST	PART#	LIST
8000543236	9437505	56.73	9437405	22.41	9437900	32.27	9439005	77.77	9439006	38.00	9439506	37.82
8007543236	9437505	56.73	9437405	22.41	9437900	32.27	9439005	77.77	9439006	38.00	9439506	37.82
8005233236	9437505	56.73	9437405	22.41	9437900	32.27	9439005	77.77	9439006	38.00	9439506	37.82
8006543250			9437405	22.41	9437900	32.27	9439109	77.77	9439106	38.00	9439506	37.82
8006591250			9437405	22.41	9437900	32.27	9439109	77.77	9439106	38.00	9439506	37.82
8000933250			9437405	22.41	9437900	32.27	9439109	77.77	9439106	38.00	9439506	37.82
2088343135	9423055	61.77	9423705	45.73	9423130	27.55	9423205	97.00			9423803	69.55
2088514144	9423055	61.77	9423705	45.73	9423130	27.55	9423205	97.00			9423803	69.55
2088594154	9423055	61.77	9423705	45.73	9423130	27.55	9423205	97.00			9423803	69.55
2088514500			9423705	45.73	9423130	27.55	9423205	97.00			9423803	69.55




8000 SERIES




2088 SERIES

SWIVEL-STRAIGHT			SWIVEL-ELBOW		
HB	Part #	List	HB	Part #	List
3/8	807100	2.36	3/8	806000	2.18
1/2	807000	2.18	1/2	803400	2.18
5/8	815401	4.27	5/8	815501	2.64
3/4	815601	2.68	3/4	815701	2.68



**GAUGES
1/4" LM
BRASS
INTERNALS**

Psi	Size	Dry #	List/E	Liq #	List/E	NH3#	List/E
0-15	2 1/2	SG15	10.41	GG15	28.45		
0-30	2 1/2	SG30	10.41	GG30	28.45		
0-60	2 1/2	SG60	10.41	GG60	28.45	AG60	27.58
0-100	2 1/2	SG100	10.41	GG100	28.45		
0-160	2 1/2	SG160	10.41	GG160	28.45	AG160	27.58
0-200	2 1/2	SG200	10.41	GG200	28.45		
0-300	2 1/2	SG300	10.41	GG300	28.45		
0-400	2 1/2	SG400	10.41	GG400	28.45	AG400	27.58
0-600	2 1/2	SG600	10.41	GG600	28.45		
0-1000	2 1/2	SG1000	10.41	GG1000	28.45		
0-2000	2 1/2	SG2000	10.41	GG2000	28.45		
0-3000	2 1/2	SG3000	10.41	GG3000	28.45		
0-5000	2 1/2	SG5000	10.41	GG5000	28.45		
0-60	4	SG604	22.84	GG604	89.69		
0-100	4	SG1004	22.84	GG1004	89.69		
0-200	4	SG2004	22.84	GG2004	89.69		
Pigtail Protector		PGP	44.21				




BULKHEAD FITTINGS

Fpt	Hole	Part#	List/E	Gasket	List/E
1/2	1 3/8	BF8	14.79	BF8G	4.30
3/4	1 3/8	BF12	14.79	BF8G	4.30
1	1 3/4	BF16	19.26	BF16G	5.37
1 1/4	2	BF20	20.27	BF20G	6.12
1 1/2	3	BF24	28.92	BF24G	9.28
2	3	BF32	27.84	BF24G	9.28
3	4 1/2	BF48	72.60	BF48G	15.25


Replacement Gaskets

20% GLASS FILLED POLYPROPYLENE WITH SANTROPENE GASKET



**NYLON
TIE STRAPS
BLACK UV
RESISTANT**


Length	Width	Part#	List/E
3 3/4	.090	NS4BUV	.07
6	.135	NS6BUV	.08
8 1/4	.135	NS8BUV	.14
11 1/4	.190	NS12BUV	.38
14 1/4	.190	NS14BUV	.78
17 1/2	.310	NS17BUV	1.08
21 1/2	.310	NS21BUV	1.24
28	.310	NS28BUV	1.49
36 1/2	.360	NS36BUV	1.84




EZT024

Desc	Part#	List/E
16 Gal	EZT016	395.39
24 Gal	EZT024	419.99


16 & 24 Gallon tank designed for ATV's
Wrap-around design allows for a low CG
Complete drainage from twin sumps
Easy mounting & dismounting of sprayer
because controls and booms are mounted to tank,
not ATV rack



**WORM DRIVE
CLAMPS**
(All St Steel)



**T-BOLT
CLAMPS**
(St. Steel
Band & Bolt)



**PLASTIC
CLAMPS**
-Black Nylon
-Double Teeth

Max"	Min"	Part#	Max"	Min"	Part#	Max"	Min"	Part#			
5/8	7/32	SSC4	1.29	1.87	1.62	TSSC20	12.70	.276	.220	SCA	.59
11/16	7/16	SSC5	1.28	2.06	1.81	TSSC24	12.70	.323	.256	SCAA	.59
7/8	5/16	SSC6	1.28	2.18	1.93	TSSC24A	12.70	.433	.358	SCBB	.60
1	7/16	SSC8	1.79	2.50	2.18	TSSC32	12.70	.500	.413	SCC	.62
1 1/4	9/16	SSC12-N	2.14	2.62	2.31	TSSC32A	12.70	.583	.480	SCD	.64
NOTE: Above have 1/3" band				2.81	2.50	TSSC32B	12.70	.646	.524	SCE	.76
				3.18	2.87	TSSC32C	12.70	.717	.594	SCF	.76
				3.62	3.31	TSSC48	12.70	.795	.673	SCG	.77
1	7/16	SSC8-HD	1.62	3.75	3.43	TSSC48A	12.70	.870	.732	SCH	.78
1 1/4	9/16	SSC12	1.79	4.56	4.25	TSSC64	19.30	.949	.803	SCJ	.84
1 1/2	11/16	SSC16	1.86	4.76	4.38	TSSC64A	32.19	1.031	.886	SCK	1.05
1 3/4	3/4	SSC20	1.93	4.94	4.56	TSSC64B	32.19	1.130	.976	SCL	.94
2	1 1/16	SSC24	2.07					1.220	1.055	SCM	.94
2 1/4	1 5/16	SSC28	2.10					1.319	1.150	SCN	1.27
2 1/2	1 9/16	SSC32	2.22					1.437	1.283	SCP	1.68
2 3/4	1 13/16	SSC36	2.32					1.551	1.382	SCQ	1.70
3	2 1/6	SSC40	3.40					1.665	1.496	SCR	1.35
3 1/2	2 9/16	SSC48	3.27					1.772	1.610	SCS	1.76
4 1/2	2 1/2	SSC64	3.96					1.913	1.744	SCT	1.76
NOTE: Above have 1/2" band								2.028	1.843	SCU	1.94
								2.146	1.965	SCV	1.47
								2.283	2.091	SCW	2.03
								2.398	2.161	SCX	2.12

MEASURE
OUTSIDE
DIAMETER
OF HOSE FOR
PROPER
CLAMP SIZE

EVA TUBING				CLEAR VINYL TUBING (CVTB=Braided)				EPDM RUBBER HOSE			
Id	Ft/Roll	Part#	List/	Id	Ft/Roll	Part#	List/	Id	Ft/Roll	Part#	List/
1/4	1000	EVA44	.81	1/4	100	CVT44	1.00	1/4	700	SB44	1.00
3/8	500	EVA66	1.03	3/8	100	CVT66	1.22	3/8	700	SB66	1.23
1/2	300	EVA88	1.27	1/2	100	CVT88	1.52	1/2	700	SB88	1.68
5/8	200	EVA1010	1.61	5/8	100	CVT1010	1.83				
3/4	200	EVA1212	1.78	3/4	100	CVT1212	2.13	3/4	700	SB1212	2.82
1	125	EVA1616	2.64	1	100	CVT1616	2.74	SB-Single Braid-150 PSI Rating			
NOTE: All have 1/8" wall thickness				1/4	300	CVTB44	1.11				
3/8	300	EVAR6	1.93	3/8	300	CVTB66	1.48	3/8	700	TB66	1.68
1/2	300	EVAR8	2.41	1/2	300	CVTB88	1.71	1/2	700	TB88	2.32
3/4	200	EVAR12	3.36	5/8	300	CVTB1010	2.25	5/8	700	TB1010	3.00
1	200	EVAR16	6.08	3/4	300	CVTB1212	3.31	3/4	700	TB1212	3.23
Reinforced EVA				1	200	CVTB1616	4.69	TB-Double Braid-300 PSI Rating			

SEALANTS

Teflon Tape	Part#	List/E	Liq Tef	Part#	List/E	Rectorseal	Part#	List/E
1/4 X 520	1452	1.45	2oz	LT2	12.25	8oz	RSTB	44.36
1/2 X 260	1226	1.30	4oz	LT4	23.25	2oz	RSTB-2	14.56
1/2 X 520	1252	1.70	8oz	LT8	40.50	8oz	RS-21	46.92
3/4 X 520	3452	2.60						



UNION BALL VALVES (BVMF)
POLYPROPYLENE BODY
EPDM O'RINGS TEFLON SEATS
100 PSI @ 72°F FPT THREADS

Fpt	Part#	List/E
1/2	BVMF88	30.79
3/4	BVMF1212	30.79
1	BVMF1616	38.50
1 1/4	BVMF2020	66.08
1 1/2	BVMF2424	65.64
2	BVMF3232	83.35



BOLTED BALL VALVES (BBV)

SEALS
TEFLON SEATS 100 PSI @ 72°F
FPT THREADS ST. STEEL BOLTS

1/2	BBV88	60.26
3/4	BBV1212	60.26
1	BBV1616	60.26
1 Full	BBV1616FP	66.43
1 1/4	BBV2020	66.43
1 1/4 Full	BBV2020FP	85.42
1 1/2	BBV2424	85.42
2	BBV3232	85.42
2 Full	BBV3232FP	120.26
3	BBV4848	193.57
3 Full	BBV4848FP	287.40



BOLTED NOZZLE VALVES (BNV)

POLYPROPYLENE BODY VITON

1	BNV1616	68.94
1 1/2	BNV2424	102.82
2	BNV3232	102.82
2 Full	BNV3232FP	153.83



3-WAY VALVES

POLYPROPYLENE BODY VITON SEALS
TEFLON SEATS 100 PSI @ 72°F
FPT THREADS ST. STEEL BOLTS
BL=BOTTOM LOAD SL=SIDE LOAD

1	BBV1616BL	87.00
1	BBV1616SL	87.00
1 1/4	BBV2020BL	135.20
1 1/4	BBV2020SL	135.20
1 1/2	BBV2424BL	135.20
1 1/2	BBV2424SL	135.20
2	BBV3232BL	171.67
2	BBV3232SL	171.67



BRASS BALL VALVES

BRASS CONSTRUCTION VITON O'RINGS
TEFLON SEATS 300 PSI 212°F

Fpt	Part#	List/E
1/8	CBV22	25.64
1/4	CBV44	13.98
3/8	CBV66	13.35
1/2	CBV88	19.61
3/4	CBV1212	25.46
1	CBV1616	43.39



POLYPROPYLENE BALL VALVES

POLYPROPYLENE BUNA O'RINGS
TEFLON SEATS 200 PSI

Fpt	Part#	List/E
1/2	RWVF88PP	22.38
3/4	RWVF1212PP	27.29
1	RWVF1616PP	40.24
1 1/4	RWVF2020PP	90.71
1 1/2	RWVF2424PP	124.05
2	RWVF3232PP	159.43



RWVF

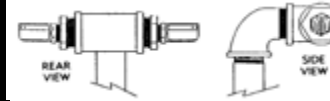
RWVB

Mpt	Mght	Part#	List/E
1/2	3/4	RWVB88PP	29.60
3/4	3/4	RWVB1212PP	32.55



BOOMBUSTER BOOMLESS NOZZLES

- Machined from Stainless Steel
- Industrial Grade Nylon Diffusers
- Extra Wide Spray Pattern
- Spray chemicals and fertilizers.
- Standard pipe threads



Part#	List/E
BB1203	249.00
BB1205	249.00
BB125	249.00
BB140	267.00
BB1806	280.00
BB18010	280.00
BB187	280.00
BB26011	309.00
BB265	309.00
BB375	329.00
BB437	344.00
BB500	415.00
BB504	415.00

ADD "R" TO END OF PART NUMBER FOR ROADSIDE NOZZLE.

PART #	ANGLE	PSI	GPM	DIST.	4 MPH	5	7	10	12
BB1203	Down	30	1.7	3	70	56	40	28	23
1/4 MPT	Down	40	2.0	3	83	66	47	33	27
	Down	50	2.2	3	91	73	52	36	30
BB1205	Down	30	1.7	5	42	34	24	17	14
1/4 MPT	Down	40	2.0	5	50	40	28	20	17
	Down	50	2.0	5	54	44	31	22	18
BB125	Level	20	1.5	14	13.3	10.6	7.6		
1/4 MPT	Level	30	1.7	15.5	13	11	7.8		
		40	2.0	15.5	16	13	9.1		
BB140	Level	30	2.0	16.5	15	12	8.5	6	5
3/8 MPT	Level	40	2.4	16.5	18	14	10	7	6
	Level	50	2.7	16.5	20	16	12	8	6.8
BB1806	Down	30	3.6	6	74	59	42	30	25
	Down	40	4.3	6	89	71	51	35	30
	Down	50	4.8	6	100	79	57	40	33
BB18010	Down	30	3.6	10	45	36	25	18	15
3/8 MPT	Down	40	4.3	10	53	43	30	21	18
	Down	50	4.8	10	59	48	34	24	20
BB187	Level	30	3.6	18.5	24	19	14	9.6	8
3/8 MPT	Level	40	4.3	18.5	29	23	16	12	9.6
	Level	50	4.8	18.5	32	26	18	13	11
BB265	Level	30	6.8	19.5	43	35	25	17	14
1/2 MPT	Level	40	8.0	19.5	51	41	29	20	17
	Level	50	8.8	19.5	56	45	32	22	19
BB375	Level	30	14.4	21.5	83	66	47	33	28
3/4 MPT	Level	40	16.7	21.5	96	77	55	38	32
	Level	50	18.8	21.5	108	87	62	43	36
BB437	Up	30	18.5	29.5	78	62	44	31	26
3/4 MPT	Up	40	21.5	29.5	90	72	52	36	30
	Up	50	24.2	29.5	102	81	58	41	34
BB500	Level	30	29	20	179	142	102	72	60
1 MPT	Level	40	33	20	204	164	116	82	68
	Level	50	37	20	229	182	130	91	76
BB504	Up	30	29	41	90	72	51	36	30
	Up	40	33	41	102	82	58	41	34
	Up	50	37	41	114	91	65	46	38



BOOMINATOR BOOMLESS NOZZLES

- Machined from Stainless Steel
- Superior fluid pattern and dist.
- Heavy droplet pattern for minimal drift
- Short, Regular, or Full Pattern
- All nozzles factory tested





Part#	Mpt	Pattern	List/E
BI1250 L or R	1/4	Regular	233.00
BI1400 L or R	1/4	Regular	255.00
BI1870 L or R	1/4	Regular	275.00
BI1253 L or R	1/4	Short	233.00
BI1255 L or R	1/4	Short	233.00
BI1404 L or R	1/4	Short	255.00
BI1406 L or R	1/4	Short	255.00
BI1876 L or R	1/4	Short	275.00
BI1871 L or R	1/4	Short	275.00
BI1250FS	1/4	Full	278.00
BI1400FS	1/4	Full	307.00
BI1400FM	1/4	Full	307.00
BI1870FS	1/4	Full	329.00
BI1870FM	1/4	Full	329.00
BI1870FL	1/4	Full	329.00
BI2650 L or R	1/2	Regular	329.00
BI3750 L or R	1/2	Regular	336.00





PART #	PSI	GPM	DIST.	4 MPH	5	7	10	12
BI1250	20	1.5	16	12	9	7		
LEFT & RIGHT	30	1.7	16	13	11	8		
	40	2.0	16	16	12	9		
BI1400	20	1.7	17	12	10	7	5	4
LEFT & RIGHT	30	2.0	17	15	12	8	6	4.5
	40	2.5	17	18	15	10	7	6
BI1870	20	3.0	18	21	17	12	8	7
LEFT & RIGHT	30	3.5	18	24	19	14	10	8
	40	4.3	18	30	24	17	12	10
BI1253	20	1.5	3	62	50	35	25	21
LEFT & RIGHT	30	1.7	3	70	56	40	28	23
	40	2.0	3	83	66	47	33	28
BI1255	20	1.5	5	37	30	21	15	12
LEFT & RIGHT	30	1.7	5	42	34	24	17	14
	40	2.0	5	50	40	28	20	17
BI1404	20	1.7	4	53	42	30	21	18
LEFT & RIGHT	30	2.0	4	62	50	35	25	21
	40	2.5	4	77	62	44	31	26
BI1406	20	1.7	6	35	28	20	14	12
LEFT & RIGHT	30	2.0	6	41	33	24	17	14
	40	2.5	6	52	41	30	21	17
BI1876	20	3.0	6	62	50	35	25	21
LEFT & RIGHT	30	3.5	6	72	58	41	29	24
	40	4.3	6	89	71	51	35	30
BI1871	20	3.0	10	37	30	21	15	13
LEFT & RIGHT	30	3.5	10	43	35	25	17	15
	40	4.3	10	53	43	30	21	18
BI1250FS	20	1.5	16	12	8	6.5		
	30	1.7	16	13	11	8		
	40	2.0	16	16	12	9		
BI1400FS	20	1.7	17	12	10	7	5	4
	30	2.0	17	15	12	8	6	4.5
	40	2.5	17	18	15	10	7	6
BI1400FM	20	1.7	22	10	8	5.5	4	3
	30	2.0	22	11	9	6	4.5	3.5
	40	2.5	22	14	11	8	5.5	4.5
BI1870FS	20	3.0	18	21	17	12	8	7
	30	3.5	18	24	19	14	10	8
	40	4.3	18	30	24	17	12	10
BI1870FM	20	3.0	23	16	13	9	6.5	5
	30	3.5	23	19	15	11	7.5	6
	40	4.3	23	23	19	13	9	7.5
BI1870FL	20	3.0	30	12	10	7	5	4
	30	3.5	30	14	12	8	5.5	4.5
	40	4.3	30	18	14	10	7	6

Other Nozzles Available - Please Call

POLYPROPYLENE CAM LEVER COUPLINGS

- GLASS FILLED POLYPRO WITH 304 ST. STEEL LEVERS AND PINS
- INTERCHANGEABLE WITH ALL TYPES OF CAM LEVER COUPLINGS
- EPDM GASKETS STANDARD - VITON AVAILABLE.
- 100 PSI @0°F, 125 PSI @ 70°F, 70 PSI @ 150°F





	Fpt	Part#	List/E
 MALE ADAPT X FPT	1/2	CL050A	9.52
	3/4	CL075A	7.93
	1	CL100A	7.93
	1 1/4	CL125A	7.93
	1 1/2	CL150A	8.99
	1 1/2	CL150-125A	10.79
	2	CL200A	10.62
	3	CL300A	25.64
	4	CL400A	46.96
	1 1/2	CL150A-90	17.05
2	CL200A-90	19.43	
 FEM COUPLER X MPT	Mpt	Part#	List/E
	1/2	CL050B	21.76
	3/4	CL075B	18.15
	1	CL100B	20.84
	1 1/4	CL125B	20.84
	1 1/2	CL150B	24.41
	1 1/4	CL150-125B	29.30
	2	CL200B	29.74
	3	CL300B	49.96
	4	CL400B	118.81
 FEM COUPLER X HB	Hb	Part#	List/E
	1/2	CL050C	18.15
	3/4	CL075C	18.15
	1	CL100C	20.84
	1 1/4	CL125C	20.84
	1 1/2	CL150C	24.41
	1 1/4	CL150-125C	29.34
	2	CL200C	29.74
	3	CL300C	49.96
	4	CL400C	99.03
1 1/2	CL150C-90	35.11	
2	CL200C-90	36.26	
 FEM COUPLER X FPT	Fpt	Part#	List/E
	1/2	CL050D	18.15
	3/4	CL075D	18.15
	1	CL100D	20.84
	1 1/4	CL125D	20.84
	1 1/2	CL150D	24.41
	1 1/2	CL150-125D	29.30
	2	CL200D	29.74
	3	CL300D	49.96
	4	CL400D	99.03
1 1/2	CL150D-90	35.11	
2	CL200D-90	36.26	

	Hb	Part#	List/E
 MALE ADAPT X HB	1/2	CL050E	8.59
	3/4	CL075E	8.59
	1	CL100E	9.52
	1 1/4	CL125E	9.52
	1 1/2	CL150E	9.52
	1 1/2	CL150-125E	11.45
	2	CL200E	12.51
	3	CL300E	32.86
	4	CL400E	46.96
	 MALE ADAPT X MPT	Mpt	Part#
1/2		CL050F	8.59
3/4		CL075F	8.59
1		CL100F	9.52
1 1/4		CL125F	9.52
1 1/2		CL150F	9.56
1/2		CL150-125F	11.45
2		CL200F	12.51
3		CL300F	32.86
4		CL400F	46.96
1 1/2	CL150F-90	20.40	
2	CL200F-90	18.24	
2	CL200FF*	32.10	
* Male Adapt X Male Adapt			
 PLUG	Size	Part#	List/E
	1/2	CL075PL	8.59
	3/4	CL075PL	8.59
	1	CL100PL	8.24
	1 1/4	CL100PL	8.24
	1 1/2	CL150PL	11.06
	2	CL200PL	12.42
	3	CL300PL	26.04
	4	CL400PL	36.87
	 CAP	Size	Part#
1/2		CL075CAP	18.15
3/4		CL075CAP	18.15
1		CL100CAP	20.00
1 1/4		CL100CAP	20.00
1 1/2		CL150CAP	24.41
2		CL200CAP	29.74
3		CL300CAP	49.96
4		CL400CAP	72.20

1/2" & 3/4" COUPLINGS INTERCHANGE
COUPLING AND ADAPTER ENDS ARE 3/4"
1" & 1 1/4" COUPLINGS INTERCHANGE
COUPLING AND ADAPTER ENDS ARE 1"

STAINLESS STEEL FITTINGS

	Fpt	Part#	List/E	
	1/4	SSTT4	6.99	
	3/8	SSTT6	8.91	
	1/2	SSTT8	9.36	
	3/4	SSTT12	14.89	
	1	SSTT16	18.96	
	1 1/4	SSTT20	37.71	
	1 1/2	SSTT24	46.88	
	2	SSTT32	60.22	
	3	SSTT48	186.13	
		Fpt	Fpt	Part#
1/4		1/4	SSEL44	5.22
3/8		3/8	SSEL66	6.48
1/2		1/2	SSEL88	6.90
3/4		3/4	SSEL1212	9.90
1		1	SSEL1616	15.09
1 1/4		1 1/4	SSEL2020	24.62
1 1/2		1 1/2	SSEL2424	32.77
2		2	SSEL3232	41.55
		Mpt	Hb	Part#
	1/4	1/4	SSTA1044	6.27
	1/4	3/8	SSTA1046	6.27
	1/4	1/2	SSTA1048	6.27
	3/8	3/8	SSTA1066	7.68
	3/8	1/2	SSTA1068	7.68
	1/2	1/2	SSTA1088	10.09
	3/4	3/4	SSTA101212	11.16
	3/4	1	SSTA101216	12.79
	1	1	SSTA101616	16.87
1 1/4	1 1/4	SSTA102020	22.75	
1 1/2	1 1/2	SSTA102424	29.53	
2	2	SSTA103232	50.34	
3	3	SSTA104848	184.51	
	Mpt	Fpt	Part#	List/E
	1/4	1/4	SSSE44	4.51
	3/8	3/8	SSSE66	5.06
	1/2	1/2	SSSE88	7.64
	3/4	3/4	SSSE1212	12.02
	1	1	SSSE1616	18.80
	1 1/4	1 1/4	SSSE2020	29.79
	1 1/2	1 1/2	SSSE2424	39.27
	2	2	SSSE3232	61.20
		Mpt	Fpt	Part#
1/4		1/8	SSRB42	2.96
3/8		1/4	SSRB64	3.48
1/2		3/8	SSRB86	3.61
3/4		1/2	SSRB128	5.71
1		3/4	SSRB1612	9.14
1 1/4		1	SSRB2016	12.66
1 1/2		1 1/4	SSRB2420	23.18
2		1 1/2	SSRB3224	28.67

	Mpt	Length	Part#	List/E
	1/4	CL	SSTN5044CL	1.68
	1/4	4	SSTN50444	3.88
	3/8	CL	SSTN5066CL	2.37
	3/8	1 1/2	SSTN506612	2.47
	3/8	3	SSTN50663	3.72
	1/2	CL	SSTN5088CL	2.50
	1/2	4	SSTN50884	5.98
	1/2	6	SSTN50886	8.62
	3/4	CL	SSTN51212CL	3.28
	3/4	4	SSTN512124	16.33
	1	CL	SSTN51616CL	4.08
	1	4	SSTN516164	9.15
	1	6	SSTN516166	13.26
	1 1/4	CL	SSTN52020CL	5.48
	1 1/2	CL	SSTN52424CL	7.01
	1 1/2	6	SSTN524246	44.97
	2	CL	SSTN53232CL	10.43
	2	4	SSTN532324	17.45
	2	6	SSTN532326	58.00
	3	CL	SSTN54848CL	29.75
3	4	SSTN548484	41.13	
3	6	SSTN548486	110.25	
	Fpt	Fpt	Part#	List/E
	1/4	1/4	SSCC44	3.91
	3/8	3/8	SSCC66	4.89
	1/2	1/2	SSCC88	7.34
	3/4	3/4	SSCC1212	10.21
	1	1	SSCC1616	15.19
	1 1/4	1 1/4	SSCC2020	22.96
	1 1/2	1 1/2	SSCC2424	28.80
	2	2	SSCC3232	49.10
		Mpt	Part#	List/E
1/4		SSTP4004	3.22	
3/8		SSTP4006	3.43	
1/2		SSTP4008	4.25	
3/4		SSTP4012	5.32	
1		SSTP4016	7.25	
1 1/4		SSTP4020	12.02	
1 1/2		SSTP4024	14.51	
2		SSTP4032	23.30	
		Fpt	Part#	List/E
	1/4	SSCR4	7.42	
	3/8	SSCR6	9.83	
	1/2	SSCR8	14.64	
	3/4	SSCR12	22.96	
	1	SSCR16	36.52	
	1 1/4	SSCR20	52.49	
	1 1/2	SSCR24	69.53	
	2	SSCR32	98.45	

BRASS FITTINGS

Mpt	Hb	Part#	List/E
1/8	1/8	BRTA1022	1.43
1/8	3/16	BRTA1023	1.36
1/8	1/4	BRTA1024	1.72
1/8	5/16	BRTA1025	1.62
1/8	3/8	BRTA1026	2.10
1/4	1/8	BRTA1042	1.96
1/4	1/4	BRTA1044	1.92
1/4	5/16	BRTA1045	2.24
1/4	3/8	BRTA1046	1.95
1/4	1/2	BRTA1048	2.80
3/8	1/4	BRTA1064	2.86
3/8	5/16	BRTA1065	2.99
3/8	3/8	BRTA1066	2.72
3/8	1/2	BRTA1068	3.25
3/8	5/8	BRTA10610	3.74
3/8	3/4	BRTA10612	8.17
1/2	1/4	BRTA1084	5.04
1/2	3/8	BRTA1086	4.91
1/2	1/2	BRTA1088	4.32
1/2	5/8	BRTA10810	4.65
1/2	3/4	BRTA10812	5.93
3/4	3/8	BRTA10126	6.57
3/4	1/2	BRTA10128	6.59
3/4	5/8	BRTA101210	6.46
3/4	3/4	BRTA101212	7.79
3/4	1	BRTA101216	9.70

Fpt	Hb	Part#	List/E
1/8	1/8	BRTAF1022	2.22
1/8	3/16	BRTAF1023	2.01
1/8	1/4	BRTAF1024	2.44
1/8	5/16	BRTAF1025	4.03
1/8	3/8	BRTAF1026	3.43
1/4	1/8	BRTAF1042	7.43
1/4	3/16	BRTAF1043	8.03
1/4	1/4	BRTAF1044	2.59
1/4	5/16	BRTAF1045	3.41
1/4	3/8	BRTAF1046	3.04
1/4	1/2	BRTAF1048	3.77
3/8	1/4	BRTAF1064	3.66
3/8	5/16	BRTAF1065	7.90
3/8	3/8	BRTAF1066	3.33
3/8	1/2	BRTAF1068	7.59
1/2	3/8	BRTAF1086	6.28
1/2	1/2	BRTAF1088	6.04
3/4	3/4	BRTAF101212	10.32
3/4	1	BRTAF101216	27.21

Mpt	Fpt	Part#	List/E
1/4	1/8	BRRB42	1.62
3/8	1/8	BRRB62	2.64
3/8	1/4	BRRB64	2.88
1/2	1/8	BRRB82	4.19
1/2	1/4	BRRB84	4.97
1/2	3/8	BRRB86	3.76
3/4	1/8	BRRB122	15.40
3/4	1/4	BRRB124	6.26
3/4	3/8	BRRB126	7.37
3/4	1/2	BRRB128	7.20
1	1/4	BRRB164	14.75
1	3/8	BRRB166	13.93
1	1/2	BRRB168	13.70
1	3/4	BRRB1612	10.75

Mpt	Mpt	Part#	List/E
1/8	1/8	BRTN5022	.83
1/4	1/4	BRTN5044	1.55
3/8	3/8	BRTN5066	2.75
1/2	1/2	BRTN5088	3.18
3/4	3/4	BRTN51212	5.93

Fps	Hb	Part#	List/E
1/4	1/4	BRSN44	3.80
1/4	3/8	BRSN46	3.60
3/8	1/4	BRSN64	9.13
3/8	3/8	BRSN66	4.32
3/8	1/2	BRSN68	4.29
1/2	3/8	BRSN86	13.56
1/2	1/2	BRSN88	5.77
3/4	3/4	BRSN1212	9.72

Mpt	Hb	Part#	List/E
1/8	3/16	BRTE2023	4.05
1/8	1/4	BRTE2024	3.47
1/8	5/16	BRTE2025	4.23
1/8	3/8	BRTE2026	3.77
1/4	1/4	BRTE2044	4.80
1/4	5/16	BRTE2045	5.59
1/4	3/8	BRTE2046	4.81
1/4	1/2	BRTE2048	5.89
3/8	5/16	BRTE2065	9.12
3/8	3/8	BRTE2066	5.78
3/8	1/2	BRTE2068	7.15
3/8	5/8	BRTE20610	9.67
1/2	3/8	BRTE2086	6.18
1/2	1/2	BRTE2088	8.90
1/2	5/8	BRTE20810	9.23

Hb	Hb	Part#	List/E
1/8	1/8	BRTC7022	1.88
3/16	3/16	BRTC7033	2.50
1/4	1/4	BRTC7044	2.08
5/16	5/16	BRTC7055	1.98
3/8	3/8	BRTC7066	2.11
1/2	1/2	BRTC7088	3.05
5/8	5/8	BRTC71010	4.12
3/4	3/4	BRTC71212	7.00

BRASS FITTINGS

Mpt	Hb	Part#	List/E
1/2	3/8	BRHBSW86	46.14
1/2	1/2	BRHBSW88	46.14
3/4	3/8	BRHBSW126	52.36
3/4	1/2	BRHBSW128	52.36

CNC MACHINED BRASS, VITON O-RINGS. MAX PRESSURE 500 PSI

Mpt	Fpt	Part#	List/E
1/8	1/8	BRSE22	3.18
1/4	1/4	BRSE44	5.17
3/8	3/8	BRSE66	7.66
1/2	1/2	BRSE88	11.02
3/4	3/4	BRSE1212	25.40

Mpt	Fpt	Part#	List/E
1/8	1/8	BRSEQ22	3.73
1/4	1/4	BRSEQ44	4.95
3/8	3/8	BRSEQ66	8.60
1/2	1/2	BRSEQ88	13.13
3/4	3/4	BRSEQ1212	43.02

Fpt	Part#	List/E
1/8	BREL22	4.32
1/4	BREL44	6.57
3/8	BREL66	8.60
1/2	BREL88	12.37
3/4	BREL1212	25.56

Fpt	Part#	List/E
1/8	BRTT2	4.89
1/4	BRTT4	7.21
3/8	BRTT6	11.40
1/2	BRTT8	18.31
3/4	BRTT12	34.40

Mpt	Part#	List/E
1/8	B RTP4002	.94
1/4	B RTP4004	1.59
3/8	B RTP4006	2.20
1/2	B RTP4008	4.12
3/4	B RTP4012	5.89
1	B RTP4016	19.75

Fpt	Part#	List/E
1/8	BRCR2	11.01
1/4	BRCR4	10.97
3/8	BRCR6	13.28
1/2	BRCR8	26.16
3/4	BRCR12	38.61

Mgh	Mpt	Part#	List/E
3/4	3/8	BRGPN6	5.39
3/4	1/2	BRGPN8	5.67
3/4	3/4	BRGPN12	6.66

Fgh	Hb	Part#	List/E
3/4	3/8	BRGHFS6	6.71
3/4	1/2	BRGHFS8	6.65
3/4	5/8	BRGHFS10	7.10
3/4	3/4	BRGHFS12	7.45

Fgh	Part#	List/E
3/4	BRGHN12	4.21

Mgh	Fpt	Part#	List/E
3/4	1/4	BRGFA124	7.79
3/4	3/8	BRGFA126	9.54
3/4	1/2	BRGFA128	4.91
3/4	3/4	BRGFA1212	6.07

Fgh	Mpt	Part#	List/E
3/4	1/4	BRGHFSM124	8.67
3/4	3/8	BRGHFSM126	7.37
3/4	1/2	BRGHFSM128	9.84

Mgh	Hb	Part#	List/E
3/4	3/8	BRGA106	6.08
3/4	1/2	BRGA108	5.46
3/4	5/8	BRGA1010	6.03
3/4	3/4	BRGA1012	5.91

Fgh	Fpt	Part#	List/E
3/4	1/2	BRGHF128	8.11
3/4	3/4	BRGHF1212	7.56

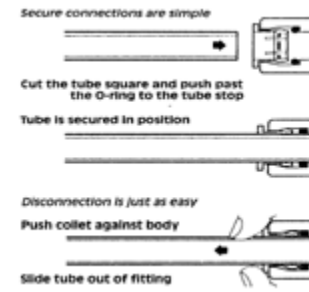
Mst	Hb	Part#	List/E
11/16	3/8	BRT01EL	8.54
11/16	3/8	BRT01TE	9.55
11/16	1/2	BRT03EL	10.01
11/16	1/2	BRT03TE	9.46
11/16		BRT03CA	2.57

BRASS LOCKNUT (BRT03NT) INCLUDED WITH NOZZLE BODIES

Fpt	Mst	Part#	List/E
1/4	11/16	BRSW1 (single)	14.67
1/4	11/16	BRSW2 (double)	20.66

PUSH-IN TUBE FITTINGS

-NO TOOLS NEEDED, EASY TO INSTALL
 -NSF LISTED, FDA APPROVED MATERIALS
 -GRAY ACETAL
 -FIT TUBES FROM 5/32" TO 1/2" OD
 SPECIFICATIONS: TEMP-AIR: -14F TO 167F
 WATER: 33F TO 140F
 PRESSURE: 0-150 LBS PSI



Mpt	OD	Part#	List/E
1/8	5/32	JGMC2532	3.82
1/4	5/32	JGMC4532	4.45
1/8	3/16	JGMC23	4.06
1/8	1/4	JGMC24	3.22
1/4	1/4	JGMC44	3.74
3/8	1/4	JGMC64	6.47
1/8	5/16	JGMC25	4.77
1/4	5/16	JGMC45	4.98
3/8	5/16	JGMC65	7.18
1/8	3/8	JGMC26	7.07
1/4	3/8	JGMC46	5.32
3/8	3/8	JGMC66	6.11
1/2	3/8	JGMC86	9.51
3/8	1/2	JGMC68	8.22
1/2	1/2	JGMC88	8.87

StOd	HbId	Part#	List/E
1/4	3/16	JGTS43	4.09
1/4	1/4	JGTS44	3.08
1/4	5/16	JGTS45	3.72
5/16	3/16	JGTS53	4.09
5/16	1/4	JGTS54	4.56
5/16	5/16	JGTS55	4.55
5/16	3/8	JGTS56	5.79
3/8	1/4	JGTS64	4.47
3/8	5/16	JGTS65	5.92
3/8	3/8	JGTS66	4.82
3/8	1/2	JGTS68	6.50
1/2	3/8	JGTS86	5.20
1/2	1/2	JGTS88	6.76

Mpt	OD	Part#	List/E
1/8	1/4	JGME24	4.82
1/4	1/4	JGME44	5.94
3/8	1/4	JGME64	6.52
1/4	3/8	JGME46	8.22
3/8	3/8	JGME66	9.01

StOd	HbId	Part#	List/E
1/4	1/4	JGTLS44	4.11
1/4	5/16	JGTLS45	6.44
5/16	1/4	JGTLS54	5.63
5/16	5/16	JGTLS55	6.44
3/8	1/4	JGTLS64	5.20
3/8	5/16	JGTLS65	8.07

StOd	T/Od	Part#	List/E
5/32	5/32	JGTEC532	6.55
3/16	3/16	JGTEC33	6.55
1/4	1/4	JGTEC44	4.94
5/16	5/16	JGTEC55	8.28
3/8	3/16	JGTEC63	8.77
3/8	1/4	JGTEC64	6.62
3/8	5/16	JGTEC65	8.77
3/8	3/8	JGTEC66	8.42
1/2	1/2	JGTEC88	10.06

OD	OD	Part#	List/E
5/32	5/32	JGULC532	5.97
3/16	3/16	JGULC33	5.97
1/4	1/4	JGULC44	5.49
5/16	5/16	JGULC55	8.41
3/8	3/8	JGULC66	8.22
1/2	1/2	JGULC88	9.80
5/16	5/32	JGRLC5532	8.83
5/16	3/16	JGRLC53	8.83
5/16	1/4	JGRLC54	9.27
3/8	3/16	JGRLC63	11.76
3/8	1/4	JGRLC64	9.13
3/8	5/16	JGRLC65	12.10
1/2	3/8	JGRLC86	10.77

Mpt	OD	Part#	List/E
1/8	5/32	JGMT2532	2.20
1/4	5/32	JGMT4532	2.20
1/8	3/16	JGMT23	2.20
1/8	1/4	JGMT24	1.66
1/4	1/4	JGMT44	1.66
1/8	5/16	JGMT25	2.20
1/4	5/16	JGMT45	2.20
3/8	5/16	JGMT65	3.75
1/4	3/8	JGMT46	2.08
3/8	3/8	JGMT66	2.73
3/8	1/2	JGMT68	4.47
1/2	1/2	JGMT88	4.47

OD	OD	Part#	List/E
5/32	5/32	JGUTC532	8.22
3/16	3/16	JGUTC333	8.46
1/4	1/4	JGUTC444	7.00
5/16	5/16	JGUTC555	9.53
3/8	3/8	JGUTC666	8.66
1/2	1/2	JGUTC888	10.47
3/8	1/4	JGUTC466	11.15
1/2	3/8	JGUTC688	11.64

PUSH-IN TUBE FITTINGS

OD	OD	Part#	List/E
5/32	5/32	JGUC532	5.19
3/16	3/16	JGUC33	5.63
1/4	1/4	JGUC44	4.82
5/16	5/16	JGUC55	6.81
3/8	3/8	JGUC66	6.50
1/2	1/2	JGUC88	7.55
1/4	3/16	JGRUC43	7.05
5/16	5/32	JGRUC5532	6.97
5/16	3/16	JGRUC53	7.05
5/16	1/4	JGRUC54	7.05
3/8	3/16	JGRUC63	8.26
3/8	1/4	JGRUC64	6.54
3/8	5/16	JGRUC65	8.83
1/2	5/16	JGRUC85	11.39
1/2	3/8	JGRUC86	8.87

StOd	T/Od	Part#	List/E
3/16	5/32	JGTRC3532	5.19
5/16	3/16	JGTRC53	4.25
5/16	1/4	JGTRC54	6.15
3/8	3/16	JGTRC63	7.05
3/8	1/4	JGTRC64	5.32
3/8	5/16	JGTRC65	7.28
1/2	5/16	JGTRC85	8.26
1/2	3/8	JGTRC86	10.08

Fpt	OD	Part#	List/E
1/4	1/4	JGFC44	7.57
1/4	3/8	JGFC46	8.70

OD	OD	Part#	List/E
5/32	5/32	JGBUC532	10.00
3/16	3/16	JGBUC33	11.45
1/4	1/4	JGBUC44	12.20
5/16	5/16	JGBUC55	15.40
3/8	1/4	JGBUC64	15.92
3/8	3/8	JGBUC66	15.92
1/2	1/2	JGBUC88	27.19

OD	OD	Part#	List/E
1/4	1/4	JGDC444	7.83
5/16	5/16	JGDC555	10.45
3/8	3/8	JGDC666	8.77
1/2	1/2	JGDC888	14.98

OD	Part#	List/E
3/8	JGCR6	15.24

OD	Part#	List/E
1/4	JGCV44	27.07
3/8	JGCV66	27.73

BLACK POLYPROPYLENE			
Mpt	OD	Part#	List/E
1/8	1/4	JGMC24BP	3.42
1/4	1/4	JGMC44BP	3.30
3/8	1/4	JGMC64BP	4.58
1/4	3/8	JGMC46BP	5.75
3/8	3/8	JGMC66BP	5.75
1/2	3/8	JGMC86BP	8.93
1/2	1/2	JGMC88BP	9.18
1/8	1/4	JGME24BP	4.51
1/4	1/4	JGME44BP	5.71
3/8	1/4	JGME64BP	6.17
1/4	3/8	JGME46BP	6.87
3/8	3/8	JGME66BP	7.00
OD	OD	Part#	List/E
1/4	1/4	JGUC44BP	4.47
5/16	5/16	JGUC55BP	6.47
3/8	3/8	JGUC66BP	6.05
3/8	1/4	JGRUC64BP	6.19
1/2	3/8	JGRUC86BP	8.48
StOd	T/Od	Part#	List/E
1/4	1/4	JGULC44BP	5.08
3/8	3/8	JGULC66BP	7.77
Mpt	OD	Part#	List/E
1/4	1/4	JGUTC444BP	6.44
5/16	5/16	JGUTC555BP	7.00
3/8	3/8	JGUTC666BP	7.87
StOd	T/Od	Part#	List/E
1/4	1/4	JGTEC44BP	4.60
3/8	3/8	JGTEC66BP	7.77
Mpt	OD	Part#	List/E
1/4	1/4	JGMT44BP	1.78
Fpt	OD	Part#	List/E
1/4	1/4	JGFC44BP	10.28
OD	OD	Part#	List/E
1/4	1/4	JGCV44BP	26.85

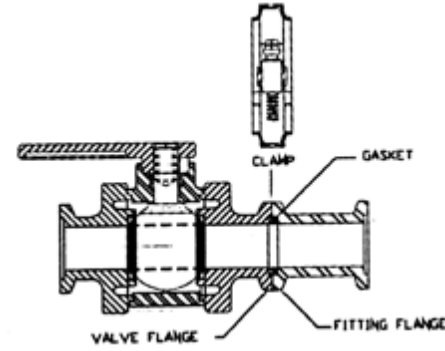
OD	OD	Part#	List/E
1/4	1/4	JGV44	14.92
3/8	3/8	JGV66	15.77
1/2	1/2	JGV88	21.78

POLYETHYLENE TUBING	OD	ID	Part#	List/Ft
100 FT COILS	.125	.085	JGPT21	Disc
Also available in 500' & 1000'	.250	.125	JGPT42	Disc
Natural color is standard, other colors available	.250	.170	JGPT43	.31
	.375	.250	JGPT64	.49
	.500	.375	JGPT86	.72

MANIFOLD FITTINGS

-POSITIVE SEALS, QUICK ASSEMBLY
 -360 DEGREE ORIENTATION
 -NO THREADS, SEALANTS, OR PIPE TAPES
 SIZES: 1" (Full Port) = MF16 (2.04" dia. flange)
 2" (1 1/2" Port) = MF32 (3.07")
 2" (Full Port) = MF32FP (3.27")
 3" (Full Port) = MF48 (4.44")

MATERIAL: Glass-filled Polypropylene
 CLAMPS: Stainless steel worm drive
 SEALS: Epdm & Viton



Fl	Hb	Part#	List/E
1	1	MF16BRB	3.58
1	3/4	MF1612BRB	3.58
1	1 1/4	MF1620BRB	3.58
2	1	MF3216BRB	8.74
2	1 1/4	MF3220BRB	9.07
2	1 1/2	MF3224BRB	8.00
2	2	MF32BRB	8.74
2FP1	1/2	MF32FP24BRB	8.74
2FP	2	MF32FPBRB	8.00
3	2	MF4832BRB	26.98
3	3	MF48BRB	24.37

Fl	Part#	List/E
1	MF16CPG	8.74
2	MF32CPG	20.98
2FP	MF32FPCPG	23.58
3	MF48CPG	27.77

Fl	Part#	List/E
2-1	MF3216CPG	23.81
2FP-1	MF32FP16CPG	26.19
2FP-2	MF32FP32CPG	26.19
3-2	MF4832CPG	61.12
3-2FP	MF4832FPCPG	55.53

Fl	Hb	Part#	List/E
1	3/4	MF1612BRBE	4.33
1	1	MF16BRBE	4.33
1	1 1/4	MF1620BRBE	4.33
2	1	MF3216BRBE	16.19
2	1 1/4	MF3220BRBE	16.19
2	1 1/2	MF3224BRBE	14.74
2	2	MF32BRBE	16.19
2FP1	1/2	MF32FP24BRBE	16.19
2FP	2	MF32FPBRBE	16.19
3	2	MF4832BRBE	26.79
3	3	MF48BRBE	65.12

Fl	Part#	List/E
1	MF16CPG45	18.19
2	MF32CPG45	21.44
2FP	MF32FPCPG45	25.86
3	MF48CPG45	105.72

Fl	Part#	List/E
1	MF16CPGE	12.23
2	MF32CPGE	20.47
2SH	MF32CPGESH	20.47
2FP	MF32FPCPGE	18.60
3	MF48CPGE	88.37

Fl	Mpt	Part#	List/E
1	3/4	MF1612MPT	4.09
1	1	MF16MPT	4.09
1	1 1/4	MF1620MPT	4.09
2	1 1/4	MF3220MPT	7.72
2	1 1/2	MF3224MPT	7.72
2	2	MF32MPT	7.72
2FP	2	MF32FPMPT	7.72
3	3	MF48MPT	21.49
1	1	MF16MPTSS	39.77
2	1 1/4	MF3220MPTSS	71.58
2	1 1/2	MF3224MPTSS	65.63
2	2	MF32MPTSS	85.86
2FP1	1/2	MF32FP24MPTSS	90.31
2FP	2	MF32FPMPTSS	90.31
3	3	MF48MPTSS	160.00

Fl	Part#	List/E
1	MF16TEE	11.26
1	MF16TEE-L	10.76
2	MF32TEE	21.49
2-1RED	MF3216TEE	22.70
2FP	MF32FPTEE	21.49
2FP-1RED	MF32FP16TEE	23.95
3	MF48TEE	101.44

Fl	Part#	List/E
1	MF16CR	32.98
2	MF32CR	53.81
2FP	MF32FPCR	59.21
3	MF48CR	119.02

MANIFOLD FITTINGS

Fl	Fpt	Part#	List/E
1	1/2	MF168FPT	4.09
1	3/4	MF1612FPT	4.09
1	1	MF16FPT	7.72
2	2	MF32FPT	22.47
2FP	2	MF32FPFPT	36.19
3	3	MF48FPT	58.23

Fl	Fpt	Part#	List/E
1		MF16PL	4.09
2		MF32PL	7.72
2FP		MF32FPPL	9.81
3		MF48PL	26.19
1	1/4	MF16PL-4	18.14
2	1/8	MF32PL-2	21.30
2	1/4	MF32PL-4	23.44
2	3/8	MF32PL-6	25.63
2	1/2	MF32PL-8	23.44
2	3/4	MF32PL-12	23.44
2	1	MF32PL-16	23.44
2FP	3/4	MF32FPPL-12	35.72
3	3/4	MF48PL-12	42.37
3	1	MF48PL-16	43.67

Fl	Part#	List/E
1	MF16A	10.65
2	MF32A	14.23
2FP	MF32FPA	15.67
3	MF48A	30.37

Fl/Mat	Part#	List/E
1/EPDM	MF16GE	3.40
1/VITON	MF16GV	9.95
2/EPDM	MF32GE	1.63
2/VITON	MF32GV	18.00
2FP/EPDM	MF32FPGE	1.67
2FP/VITON	MF32FPGV	27.91
3/EPDM	MF48GE	2.33
3/VITON	MF48GV	38.28

Fl	Part#	List/E
1	MF16CL	13.16
2	MF32CL	15.91
2FP	MF32FPCL	16.47
3	MF48CL	20.51

Fl	Part#	List/E
1	MV16CF	70.14
2	MV32CF	99.26
2FP	MV32FPCF	132.28
3	MV48CF	217.16
3FP	MV48FPCF	314.79
1	MV16BL	104.54
2	MV32BL	112.51
2FP	MV32FPBL	178.11
BL - BOTTOM LOAD - 3 WAY		
1	MV16SL	104.54
2	MV32SL	142.74
2FP	MV32FPSL	178.11
SL - SIDE LOAD - 3 WAY		

Fl	Mesh	Part#	List/E
1	*	MLST16-*	74.23
* Specify 16,30,50,80,100 MESH			
2	*	MLST32-*	125.67
* Specify 16,30,50,80,100 MESH			

Fl	Mesh	Part#	List/E
2	*	MLS32-*	158.84
* Specify 6,12,20,30,50,80,120 Mesh			
2FP	*	MLS32FP-*	220.42
* Specify 4,8,10,16,30,50,80,100 Mesh			
3	*	MLS48-*	886.37
* Specify 4,6,8,12,20,50 Mesh			

Fl	Part#	List/E
1	MF16BF	66.74
2	MF32BF	69.03
2FP	MF32FPBF	113.79
3	MF48BF	152.07
1	MF16BFBD	88.50
2	MF32BFBD	84.65
2FP	MF32FPBFBD	112.25
3	MF48BFBD	137.86
BD=BOTTOM DRAIN		

MANIFOLD FTG

MANIFOLD FTG

CHEMICAL COMPATIBILITY CHART

Hose Material Code:

PV = Vinyl, PU = Polyurethane, PY= Low Density Polyethylene

HPY = High Density Polyethylene, N = Flexible Nylon II

UN = Unplasticized Nylon II, PP = Polypropylene

Compatibility Code:

G = Good. Little or no swelling, tensile, or surface change

L = Marginal. Noticeable effects but not necessarily indicating lack of serviceability. Further testing recommended in specific application.

P = Poor or unsatisfactory. Not recommended without extensive testing.

NT = Not tested or not rated.

Ratings based on immersion tests at 73° F and should not be extrapolated to higher temperatures without appropriate caution.

Chemical	PV	PU	PY	HPY	N	UN	PP
ACIDS & BASES:							
Acetic, 50%	G	P	P	G	L	L	G
Boric	G	G	G	G	G	G	G
Carbolic (Phenol)	P	P	G	G	P	P	G
Fatty	G	G	P	G	G	G	G
Formic, 90%	G	P	G	G	P	P	G
Hydrochloric, 10%	G	G	G	G	L	L	G
Hydrochloric, 25%	G	L	G	G	P	P	G
Hydrocyanic, 50%	G	L	G	G	NT	NT	G
Hydrofluoric, 50%	L	P	G	G	P	P	G
Maleic	G	P	G	G	G	G	G
Nitric, 10%	G	P	G	G	L	L	G
Nitric, 30%	G	P	G	G	P	P	L
Oleic	L	G	L	G	G	G	G
Phosphoric, 25%	G	L	G	G	L	L	G
Sulfuric, 30%	G	L	G	G	L	L	G
Sulfuric, 70%	L	P	P	G	P	P	G
Sulfuric, 98%	P	P	P	L	P	P	G
Sulfurous, 30%	G	P	G	G	L	L	G
Tannic	G	P	G	G	G	G	G
Ammonium Hydroxide, 25%	P	G	L	G	G	G	G
Potassium Hydroxide, 25%	L	G	G	G	G	G	G
Sodium Hydroxide, 50%	G	G	G	G	G	G	G
SOLVENTS:							
Acetone	P	P	G	G	G	G	L
Benzene	P	L	P	L	G	G	P
Carbon Tetrachloride	P	L	L	L	L	L	P
Chloroform	P	P	P	P	L	L	P
Cyclohexanone	P	P	P	G	G	G	L
Dimethylformamide	P	P	L	G	NT	NT	G
Dioxane	NT	NT	P	G	G	G	L
Ethyl acetate	P	L	G	G	G	G	L
Ethyl Alcohol**	L	G	G	G	L	G	G
Ethyl ether	L	L	G	G	G	G	L
Ethylene glycol	G	G	G	G	G	G	G
Formaldehyde	G	G	G	G	G	G	G
Freon - 12	L	L	G	G	G	G	L
Methyl alcohol	L	G	G	G	L	G	G
Methylene chloride	P	P	L	L	G	G	L
Methyl ethyl ketone	P	P	G	G	G	G	L
Napthas***	P	G	P	G	G	G	L
Toluene	P	G	P	L	G	G	L
Trichlorethylene	P	P	P	G	L	L	P
Turpentine	G	G	P	G	G	G	L
Xylene	P	G	P	L	G	G	L
HYDRAULIC FLUIDS:							
Diester base grease	NT	G	P	NT	G	G	L
Petroleum base grease	G	G	L	NT	G	G	L
Phosphate ester	L	P	P	NT	G	G	G
Polyol ester	P	NT	P	NT	G	G	G
Water-glycol	G	G	G	NT	G	G	G
SAE motor oils	G	G	G	G	G	G	G
Machine oil	G	G	L	G	G	G	L
MIL-L7808 H	G	G	L	G	G	G	G
Brake fluid	NT	NT	NT	NT	NT	NT	NT

Chemical	PV	PU	PY	HPY	N	UN	PP
FUELS:							
Butane **	G	G	L	G	G	G	L
Diesel Fuel	L	G	L	G	G	G	L
Gasoline (Regular)	L	G	P	G	G	G	L
Kerosene	L	G	P	G	G	G	G
Methane (natural gas)**	G	G	L	G	G	G	G
Propane**	G	G	L	G	G	G	L
OTHER:							
Acetylene	NT	G	G	G	G	G	G
Ammonia Gas	P	G	G	G	G	G	G
Ammonium Salts	G	G	G	G	G	G	G
Amyl acetate	P	P	L	G	G	G	P
Aniline	P	P	L	G	L	L	G
Animal Oils	G	G	P	G	G	G	G
Bleach, 7%	G	P	G	G	L	L	L
Bromine	L	G	P	P	P	P	P
Butandiol	G	G	G	G	G	G	G
Calcium Salts incl chloride	G	G	G	G	G	G	G
Chlorine Gas, Dry	G	G	P	P	P	P	P
Dibutyl Phthalate	NT	P	L	G	G	G	L
Glucose	G	G	G	G	G	G	G
Glycerine	G	G	G	G	G	G	G
Hydrogen Peroxide, 10%	G	G	G	G	G	G	G
Hydrogen Peroxide, 25%	L	G	G	G	P	P	G
Hydrogen Sulfide	G	P	G	G	L	L	G
Isocyanates	NT	G	G	G	G	G	NT
Lead Salts****	G	G	G	G	G	G	G
Magnesium Salts	G	G	G	G	G	G	G
Mercury	G	G	G	G	G	G	G
Milk**	G	G	G	G	G	G	G
Mineral Oil	G	G	L	G	G	G	L
Nitrous Oxide**	G	G	L	NT	G	G	G
Oxygen**	G	G	G	G	G	G	G
Ozone, ambient	G	G	L	G	G	G	L
Paint(oil base)	L	G	L	G	G	G	G
Polyglycols	G	G	G	G	G	G	G
Potassium salts	G	G	G	G	G	G	G
Pydraul	P	P	P	NT	G	G	NT
Pyridine	P	L	G	G	L	L	G
Salt Water	G	G	G	G	G	G	G
Silver Nitrate	G	G	G	G	G	G	G
Skydrol	P	P	P	NT	G	G	NT
Soap solution (conc)	G	G	L	G	G	G	G
Sodium salts	G	G	G	G	G	G	G
Sodium thiosulphate	G	G	G	G	G	G	G
Styrene	P	G	P	P	G	G	NT
Trisodium phosphate	G	G	NT	G	G	G	G
Ucon oil	G	G	G	G	G	G	NT
Urea	G	G	G	G	G	G	G
Vegetable oils**	G	G	G	G	G	G	G
Water at 73°F	G	G	G	G	G	G	G
Water at 140°F	L	G	G	G	G	G	G
Water at 170°F	P	L	NT	P	L	G	G
Whiskey, wine	NT	G	G	G	G	G	G
Zinc chloride	G	G	G	G	G	G	G

*This chart is intended as a guide to chemical compatibility. Final selection also depends upon pressure, fluid and ambient temperatures and other variables that affect tubing service. Therefore, no guarantee is expressed or implied.

**These ratings do not necessarily imply compliance with specialized codes such as NSF, FDA, AGA or UL.

***Napthas include heptane, hexane, mineral spirits, rubber solvent and Stoddard solvent

****Metallic salts exclude some halogenated metals, especially hypochlorites.

PROPERTIES OF MATERIALS

NYLON

NYLON FITTINGS ARE GENERALLY ACCEPTABLE FOR WORKING PRESSURES UP TO 150 PSI AT NORMAL ROOM TEMPERATURES. AT VERY LOW PRESSURES, TEMPERATURES CAN APPROACH 175 F WITH NO DEGRADATION OF THE FITTING'S STRENGTH.

NYLON HAS GOOD RESISTANCE TO A FAIRLY BROAD RANGE OF CHEMICALS INCLUDING MOST AGRICULTURAL CHEMICALS, AMMONIUM COMPOUNDS, DETERGENTS, DIESEL FUEL, ETHANOL, GASOLINE, HEXANE, MAGNESIUM SULFATE, MOST SODIUM COMPOUNDS, TRICHLOROETHYLENE, AND ZINC SULFATE.

NYLON FITTINGS SHOULD NOT BE USED WITH ACID BASED FERTILIZERS, BROMINE, CHLORINE, FLOURINE, HYDROCHLORIC ACID, SULFURIC ACID OR XYLENE.

NOT TO BE USED WITH COMPRESSED GASES

POLYPROPYLENE

POLYPROPYLENE FITTINGS ARE GENERALLY ACCEPTABLE FOR WORKING PRESSURES UP TO 150 PSI AT NORMAL ROOM TEMPERATURES. AT HIGHER TEMPERATURES THE RECOMMENDED WORKING PRESSURE DECREASES. FOR EXAMPLE, AT 140 F THE MAXIMUM RECOMMENDED WORKING PRESSURE IS 90 PSI.

POLYPROPYLENE HAS GOOD RESISTANCE TO MOST AGRICULTURAL CHEMICALS, ACID-BASED FERTILIZERS, AMMONIUM COMPOUNDS, CALCIUM CARBONATE, DDT, ETHANOL, HYDROCHLORIC ACID, MAGNESIUM SULFATE, OXALIC ACID, PROPIONIC ACID, PHOSPHORIC ACID, AND SODIUM COMPOUNDS.

POLYPROPYLENE SHOULD NOT BE USED WITH AROMATIC HYDROCARBONS, CARBON TETRACHLORIDE, GASOLINE, HEXANE, KEROSENE, NITRIC ACID, SODIUM HYPOCHLORITE, TOLUENE, TRICHLOROETHYLENE OR XYLENE.

NOT TO BE USED WITH COMPRESSED GASES.

A & M INDUSTRIES DOES NOT WARRANT THE SUITABILITY OF ANY MATERIAL FOR ANY SPECIFIC CHEMICAL OR PURPOSE. IF YOU WOULD LIKE A MATERIAL SAFETY DATA SHEET (MSDS), PLEASE

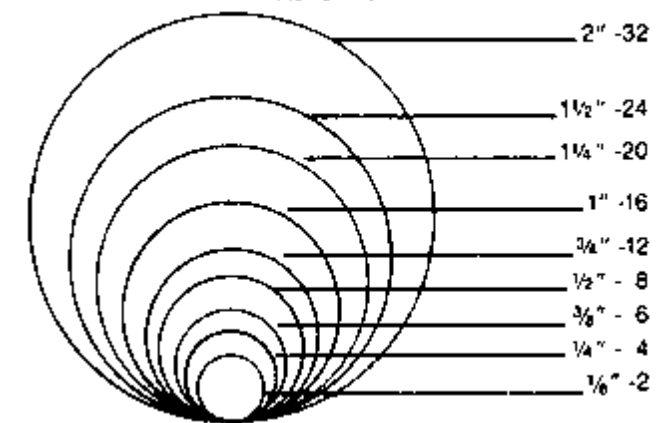
ABBREVIATIONS

MPT - MALE PIPE THREAD
 FPT - FEMALE PIPE THREAD
 MGHT - MALE GARDEN HOSE
 THREAD
 FGHT - FEMALE GARDEN HOSE
 THREAD
 P - POLYETHYLENE
 PP - POLYPROPYLENE

SIZE CODING

1/8" = 2 3/4" = 12
 3/16" = 3 1"
 = 16
 1/4" = 4 1 1/4" = 20
 5/16" = 5 1
 1/2" = 24
 3/8" = 6 2" = 32

**MALE PIPE (NPTF) THREAD SIZE
ACTUAL SIZE**



**PLEASE NOTE: Line Art is for illustrative purposes only. Actual part may differ.
Please call for a dimensional drawing.**

TERMS AND CONDITIONS

PRICING

All prices are subject to change without notice. Orders will be invoiced at prevailing prices at time of shipment. All prices are F.O.B. Sioux Falls, SD

TERMS

1% 10 Days, Net 30 Days for credit approved accounts unless otherwise stated. Accounts over 30 days past due will be put on credit hold. A service charge of 1 1/2% per month will be charged on all past due accounts. New accounts are required to complete credit application. Initial shipment will be held until credit approval, unless customer requests C.O.D or credit card shipment. Visa and Mastercard also accepted.

ORDERING

Orders accepted by phone, fax or e-mail. Please order by part number. A \$5 handling fee will be added to all orders less than \$25 net.

CLAIMS

All claims as to prices, terms, or service must be made within 15 days of invoice date.

RETURNS

Shipping errors must be reported to us within 10 days and returned with our RGA# and a copy of the order.

All other returns for credit must be made within 60 days and must be approved by A & M Industries. Returns must be freight prepaid and be accompanied by a RGA# and a copy of the invoice. There will be a minimum of 20% restocking charge deducted from credit. Parts returned must be in as-new condition (parts must be free of dirt, tape, and sealants).

NO RETURNS ACCEPTED AFTER 90 DAYS.

SHIPPING

All orders shipped F.O.B. Sioux Falls, SD. UPS shipments are shipped prepaid with charges added to invoice unless customer supplies a freight collect number. Truck shipments ship freight collect. Drop shipments are accepted.

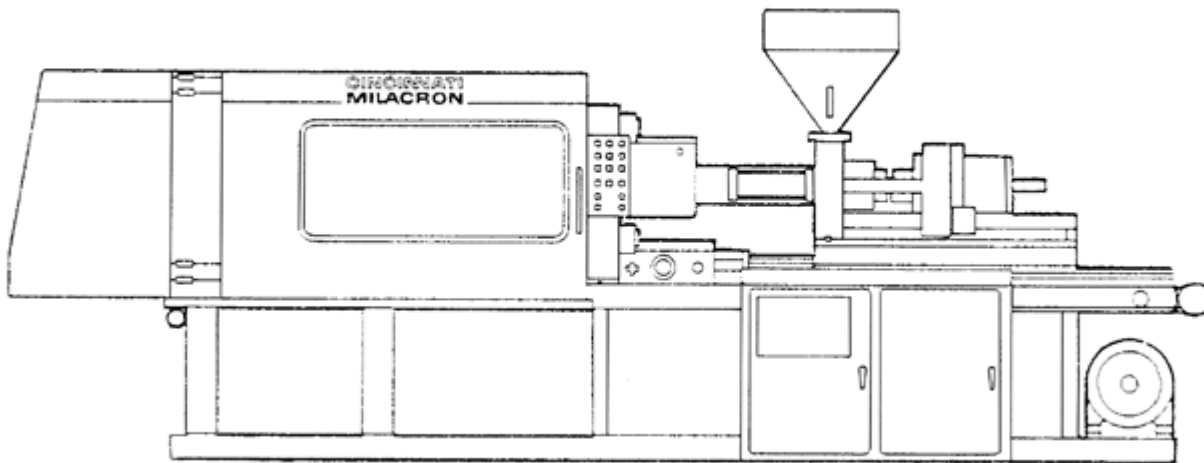
WARRANTY

A & M Industries warrants the products described herein, to the initial purchaser only, to be free from defects and workmanship for a period of 90 days from the date of shipment by A & M Industries, under normal use and service. A & M Industries sole obligation under this warranty is limited to product replacement. A & M will upon return of the product and examination of the product, replace the failed product only when upon examination by A & M if it is found the product was stored, maintained, installed, and operated in accordance with the terms, conditions and recommendation for use. This warranty shall not apply to any product that has been subject to abuse, negligence, accident, misapplication or to any product that has been altered. A & M Industries does not warrant the suitability of any raw material or fitting for any specific purpose or application. We recommend customer testing be performed to verify the material and fitting qualities for their specific applications. This warranty constitutes A & M Industries sole obligation to damages, whether direct, incidental, or consequential, resulting from the use or performance of the product.

A & M INDUSTRIES
3610 NORTH CLIFF AVE.
SIOUX FALLS, S.D. 57104

PRESORTED
STANDARD
US POSTAGE PAID
Permit No. 1436
Sioux Falls, S.D.

CUSTOM INJECTION MOLDING



QUALITY AT COMPETITIVE PRICES

A & M INDUSTRIES

3610 NORTH CLIFF AVE. - SIOUX FALLS, SOUTH DAKOTA 57104

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ORDERS	1 800 888-2615
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