

# Plastic & Hose

est. 1947

# DUFF<sup>CO.</sup>

**When you need it now... or don't know how**

PLUMBING & HEATING • PUMPS • WATER CONDITIONING  
MULTIFAMILY HOUSING SUPPLIES





CATALOG


610.275.4453


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PVC SCHEDULE 40 PRESSURE FITTINGS


SIZE	FIG. NO.	PRICE
<b>TEE (SXSXS)</b>		
		
1/2	401-005	
3/4	401-007	
1	401-010	
1 1/4	401-012	
1 1/2	401-015	
2	401-020	
2 1/2	401-025	
3	401-030	
4	401-040	
5	401-050	
6	401-060	
8	401-080	


SIZE	FIG. NO.	PRICE
<b>TEE (SXSXT)</b>		
		
1/2	402-005	
3/4	402-007	
1	402-010	
1 1/4	402-012	
1 1/2	402-015	
2	402-020	


SIZE	FIG. NO.	PRICE
<b>REDUCING TEE (SXSXT)</b>		
		
3/4X3/4X1/2	402-101	
1X1X1/2	402-130	
1X1X3/4	402-131	
1 1/4X1 1/4X1	402-168	
1 1/2X1 1/2X1/2	402-209	
1 1/2X1 1/2X3/4	402-210	
1 1/2X1 1/2X1	402-211	
2X2X3/4	402-248	
2X2X1	402-249	
2X2X1 1/2	402-251	
2 1/2X2 1/2X3/4	402-288	
4X4X3	402-422	
6X6X3	402-530	


SIZE	FIG. NO.	PRICE
<b>REDUCING TEE (SXSXS)</b>		
		
3/4x1/2x1/2	401-094	
3/4x1/2x3/4	401-095	
3/4x3/4x1/2	401-101	
1x3/4x1/2	401-124	
1x1x1/2	401-130	
1x1x3/4	401-131	
1x1x1 1/2	401-133	
1 1/4x1x1	401-158	
1 1/4x1 1/4 x 1	401-168	
1 1/4x1 1/4x2	401-170	
1 1/2x1 1/2x1/2	401-209	
1 1/2x1 1/2x3/4	401-210	
1 1/2x1 1/2x1	401-211	
1 1/2x1 1/2x1 1/4	401-212	
2x2x1/2	401-247	
2x2x3/4	401-248	
2x2x1 1/2	401-251	
2 1/2x2 1/2x1	401-289	
3x3x1	401-335	
3x3x1 1/4	401-336	
3x3x1 1/2	401-337	
3x3x2	401-338	
4x4x3/4	401-416	
4x4x2	401-420	
4x4x3	401-422	
6x6x2	401-528	
6x6x3	401-530	
6x6x4	401-532	
8x8x4	401-582	


SIZE	FIG. NO.	PRICE
<b>90° ELL (SXS)</b>		
		
1/2	406-005	
3/4	406-007	
1	406-010	
1 1/4	406-012	
1 1/2	406-015	
2	406-020	
2 1/2	406-025	
3	406-030	
4	406-040	
5	406-050	
6	406-060	
8	406-080	

SIZE	FIG. NO.	PRICE
<b>90° REDUCING ELL (SXS)</b>		
		
3/4 X 1/2	406-101	
1 X 1/2	406-130	
1 X 3/4	406-131	
1 1/4 X 1	406-168	
1 1/2 X 1	406-211	

SIZE	FIG. NO.	PRICE
<b>90° ELL (SXT)</b>		
		
1/2	407-005	
3/4	407-007	
1	407-010	
1 1/4	407-012	
1 1/2	407-015	
2	407-020	

SIZE	FIG. NO.	PRICE
<b>90° REDUCING ELL (SXT)</b>		
		
1/2 X 3/4	407-074	
3/4 X 1/2	407-101	
1 X 1/2	407-130	
1 X 3/4	407-131	
1 1/4 X 1	407-168	
1 1/2 X 1	407-211	

SIZE	FIG. NO.	PRICE
<b>90° ELL (TXT)</b>		
		
1/2	408-005	
3/4	408-007	
1	408-010	
1 1/4	408-012	

SIZE	FIG. NO.	PRICE
<b>90° STREET ELL (SPGXS)</b>		
		
1/2	409-005	
3/4	409-007	
1	409-010	
1 1/4	409-012	
1 1/2	409-015	
2	409-020	





**PVC PIPE SCHEDULE 40 NSF**


NOM PIPE SIZE	OD	AVG ID	MAX WP PSI	FIG. NO.	PRICE PER LENGTH
1/2	.840	.608	600	11420	
3/4	1.050	.810	480	11425	
1	1.315	1.033	450	11428	
1 1/4	1.660	1.364	370	11431	
1 1/2	1.900	1.592	330	11433	
2	2.375	2.049	280	11435	
2 1/2	2.875	2.445	300	11437	
3	3.500	3.042	260	11438	
4	4.500	3.998	220	11439	
5	5.563	5.017	190	11440	
6	6.625	6.031	180	11441	
8	8.625	7.943	160	11442	
10	10.750	9.976	140	11443	
12	12.750	11.890	130	17755	




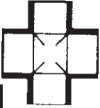
## PVC SCHEDULE 40 PRESSURE FITTINGS

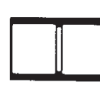
SIZE	FIG. NO.	PRICE
<b>90° STREET ELL (MTXS)</b>		
	1/2	410-005
	3/4	410-007
	1	410-010
	1 1/4	410-012
	1 1/2	410-015
	2	410-020


SIZE	FIG. NO.	PRICE
<b>90° STREET ELL (MTXT)</b>		
	1/2	412-005
	3/4	412-007
	1	412-010
	1 1/4	412-012
	1 1/2	412-015
	2	412-020


SIZE	FIG. NO.	PRICE
<b>SIDE OUTLET ELL (SXSXT)</b>		
	1/2	414-005
	:X:X2	414-101
	1X1X1/2	414-130


SIZE	FIG. NO.	PRICE
<b>45° ELL (SXS)</b>		
	1/2	417-005
	3/4	417-007
	1	417-010
	1 1/4	417-012
	1 1/2	417-015
	2	417-020
	2 1/2	417-025
	3	417-030
	4	417-040
	5	417-050
	6	417-060
	8	417-080


SIZE	FIG. NO.	PRICE
<b>CROSS (SXSXSXS)</b>		
	1/2	420-005
	3/4	420-007
	1	420-010
	1 1/4	420-012
	1 1/2	420-015
	2	420-020


SIZE	FIG. NO.	PRICE
<b>COUPLING (SXS)</b>		
	1/2	429-005
	3/4	429-007
	1	429-010
	1 1/4	429-012
	1 1/2	429-015
	2	429-020
	2 1/2	429-025
	3	429-030
	4	429-040
	5	429-050
	6	429-060
	8	429-080
	3/4x1/2	429-101
	1x3/4	429-131


SIZE	FIG. NO.	PRICE
<b>COUPLING (TXT)</b>		
	1/2	430-005
	3/4	430-007
	1	430-010


SIZE	FIG. NO.	PRICE
<b>FEMALE ADAPTER (SXFPT)</b>		
	1/2	435-005
	3/4	435-007
	1	435-010
	1 1/4	435-012
	1 1/2	435-015
	2	435-020
	2 1/2	435-025
	3	435-030
	4	435-040
	5	435-050
	6	435-060
	8	435-080

SIZE	FIG. NO.	PRICE
<b>FEMALE ADAPTER-REDUCING (SXT)</b>		
	3/4X1/2	435-101
	3/4X1	435-102
	1X3/4	435-131

SIZE	FIG. NO.	PRICE
<b>MALE ADAPTER (MTXS)</b>		
	1/2	436-005
	3/4	436-007
	1	436-010
	1 1/4	436-012
	1 1/2	436-015
	2	436-020
	2 1/2	436-025
	3	436-030
	4	436-040
	5	436-050
	6	436-060


SIZE	FIG. NO.	PRICE
<b>MALE ADAPTER (SXMT)</b>		
	1/2X3/4	436-074
	3/4X1/2	436-101
	3/4X1	436-102
	1X3/4	436-131
	1X1 1/4	436-132
	1 1/4X1	436-168
	1 1/4X1 1/2	436-169
	1 1/2X1 1/4	439-212
	1 1/2X2	436-213
	2X1 1/2X3X	436-251
	4	436-342


SIZE	FIG. NO.	PRICE
<b>REDUCER BUSHING (SXS)</b>		
	3/4X1/2	437-101
	1X1/2	437-130
	1X3/4	437-131
	1 1/4X1/2	437-166
	1 1/4X3/4	437-167
	1 1/4X1	437-168
	1 1/2X1/2	437-209
	1 1/2X3/4	437-210
	1 1/2X1	437-211
	1 1/2X1 1/4	437-212
	2X1/2	437-247
	2X3/4	437-248
	2X1	437-249
	2X1 1/4	437-250
	2X1 1/2	437-251
	2 1/2X3/4	437-288
	2 1/2X1	437-289
	2 1/2X1 1/4	437-290
	2 1/2X1 1/2	437-291
	2 1/2X2	437-292
	3X1	437-335
	3X1 1/4	437-336
	3X1 1/2	437-337
	3X2	437-338
	3X2 1/2	437-339
	4X2	437-420
	4X2 1/2	437-421
	4X3	437-422
	5X4	437-490
	6X4	437-532
	6X5	437-534
	8X4	437-582
	8X6	437-585


SIZE	FIG. NO.	PRICE
<b>RISER EXTENSION (MTXT)</b>		
	1/2X1/2	434-005



PVC SCHEDULE 40 PRESSURE FITTINGS

	SIZE	FIG. NO.	PRICE
	1/2x1/4	438-072	
	1/2x3/8	438-073	
	3/4x1/4	438-098	
	3/4x1/2	438-101	
	1x1/2	438-130	
	1x3/4	438-131	
	1 1/4x1/2	438-166	
	1 1/4x3/4	438-167	
	1 1/4x1	438-168	
	1 1/2x1/2	438-209	
	1 1/2x3/4	438-210	
	1 1/2x1	438-211	
	1 1/2x1 1/4	438-212	
	2x1/2	438-247	
	2x3/4	438-248	
	2x1	438-249	
	2x1 1/4	438-250	
	2x1 1/2	438-251	
	2 1/2x1 1/2	438-291	
	2 1/2x2	438-292	
	3x3/4	438-334	
	3x1	438-335	
	3x2	438-338	
	3x2 1/2	438-339	
	4x2	438-420	
4x2 1/2	438-421		
4x3	438-422		
6x4	438-532		


	SIZE	FIG. NO.	PRICE
	1/2x3/8	439-073	
	3/4x1/2	439-101	
	1x3/4	439-131	
	1 1/4x3/4	439-167	
	1 1/4x1	439-168	
	1 1/2x1/2	439-209	
	1 1/2x3/4	439-210	
	1 1/2x1	439-211	
	1 1/2x1 1/4	439-212	
	2X1	439-249	
	2x1 1/2	439-251	


	SIZE	FIG. NO.	PRICE
	3/4x1/2	437-101	
	1x3/4	437-131	
	1 1/2x1 1/4	437-212	
	2x1 1/2	437-251	


**DUFF IS ALWAYS**





**365 Days a Year  
24 Hour Emergency Service**


	SIZE	FIG. NO.	PRICE
	1/2	447-005	
	3/4	447-007	
	1	447-010	
	1 1/4	447-012	
	1 1/2	447-015	
	2	447-020	
	1 1/2	447-025	
	3	447-030	
	4	447-040	
	5	447-050	
	6	447-060	
8	447-080		


	SIZE	FIG. NO.	PRICE
	1/2	448-005	
	3/4	448-007	
	1	448-010	
	1 1/4	448-012	
	1 1/2	448-015	
	2	448-020	
	2 1/2	448-025	
	3	448-030	
	4	448-040	
	5	448-050	
	6	448-060	
8	448-080		

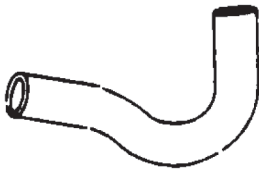
	SIZE	FIG. NO.	PRICE
	1/2	449-005	
	3/4	449-007	
	1	449-010	
	1 1/4	449-012	
	1 1/2	449-015	
	2	449-020	
3	449-030		
4	449-040		

	SIZE	FIG. NO.	PRICE
	1/2	450-005	
	3/4	450-007	
	1	450-010	
	1 1/4	450-012	
	1 1/2	450-015	
	2	450-020	
	2 1/2	450-025	
	3	450-030	
4	450-040		

	SIZE	FIG. NO.	PRICE
	1/2	479-005	
	1 1/2	482-015	
	2	482-020	
	2 1/2	482-025	
	3	482-030	
4	482-040		

	SIZE	FIG. NO.	PRICE
	1/2	478-005	
	3/4	478-007	
	1	478-010	
	1 1/2	478-015	
	2	478-020	
	4	478-040	

CONDENSATE TRAP		
Running Trap		
	3/4	15793


P - Trap		
	3/4	15826


**DUFFNOVE:**


For the complete list of solvents, please see page 671





## PVC SCHEDULE 80 PRESSURE FITTINGS


SIZE	FIG. NO.	PRICE
<b>TEE (SXSXS)</b>		
	1/4	801-002
	3/8	801-003
	1/2	801-005
	3/4	801-007
	1	801-010
	1 1/4	801-012
	1 1/2	801-015
	2	801-020
	2 1/2	801-025
	3	801-030
	4	801-040
	6	801-060
	8	801-080


SIZE	FIG. NO.	PRICE
<b>REDUCING TEE (SXSXS)</b>		
	4X4X2	801-420
	6X6X4	801-532
	8X8X6	801-585


SIZE	FIG. NO.	PRICE
<b>TEE (SXSXT)</b>		
	1/2	802-005
	3/4	802-007
	1	802-010


SIZE	FIG. NO.	PRICE
<b>TEE (TXTXT)</b>		
	1/4	805-002
	3/8	805-003
	1/2	805-005
	3/4	805-007
	1	805-010
	1 1/4	805-012
	1 1/2	805-015
	2	805-020
	2 1/2	805-025
	3	805-030
	4	805-040


SIZE	FIG. NO.	PRICE
<b>90° ELL (SXS)</b>		
	1/4	806-002
	3/8	806-003
	1/2	806-005
	3/4	806-007
	1	806-010
	1 1/4	806-012
	1 1/2	806-015
	2	806-020
	2 1/2	806-025
	3	806-030
	4	806-040
	6	806-060
	8	806-080


SIZE	FIG. NO.	PRICE
<b>90° ELL (SXFIPT)</b>		
	1/2	807-005
	3/4	807-007
	1	807-010
	1 1/4	807-012
	1 1/2	807-015
	2	807-020
	3	807-030


SIZE	FIG. NO.	PRICE
<b>90° ELL (TXT)</b>		
	1/4	808-002
	3/8	808-003
	1/2	808-005
	3/4	808-007
	1	808-010
	1 1/4	808-012
	1 1/2	808-015
	2	808-020
	2 1/2	808-025
	3	808-030
	4	808-040


SIZE	FIG. NO.	PRICE
<b>45° ELL (SXS)</b>		
	1/4	817-002
	3/8	817-003
	1/2	817-005
	3/4	817-007
	1	817-010
	1 1/4	817-012
	1 1/2	817-015
	2	817-020
	2 1/2	817-025
	3	817-030
	4	817-040
	6	817-060
	8	817-080


SIZE	FIG. NO.	PRICE
<b>45° ELL (TXT)</b>		
	1/4	819-002
	3/8	819-003
	1/2	819-005
	3/4	819-007
	1	819-010
	1 1/4	819-012
	1 1/2	819-015
	2	819-020
	3	819-030
	4	819-040


SIZE	FIG. NO.	PRICE
<b>COUPLING (SXS)</b>		
	1/4	829-002
	3/8	829-003
	1/2	829-005
	3/4	829-007
	1	829-010
	1 1/4	829-012
	1 1/2	829-015

SIZE	FIG. NO.	PRICE
<b>COUPLING (SXS) CONTINUED</b>		
	2	829-020
	2 1/2	829-025
	3	829-030
	4	829-040
	6	829-060
	8	829-080

SIZE	FIG. NO.	PRICE
<b>REDUCER COUPLING (SXS)</b>		
	3/4X1/2	829-101
	1X1/2	829-130
	1X3/4	829-131
	1 1/4X1	829-168
	1 1/2X1	829-211
	1 1/2X1 1/4	829-212
	2X1 1/2	829-251
	3X2	829-338
	4X3	829-422
	6X4	829-532
	8X6	829-585


SIZE	FIG. NO.	PRICE
<b>COUPLING (TXT)</b>		
	1/4	830-002
	3/8	830-003
	1/2	830-005
	3/4	
	1	830-010
	1 1/4	830-012
	1 1/2	830-015
	2	830-020
	2 1/2	830-025
	3	830-030
	4	830-040


SIZE	FIG. NO.	PRICE
<b>REDUCER COUPLING (TXT)</b>		
	1/4X3/8	830-073
	3/4X1/2	830-101
	1 1/2X1	830-211

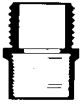
SIZE	FIG. NO.	PRICE
<b>FEMALE ADAPTER (SXT)</b>		
		835-0 2
		835-003
	1/2	835-005
	3/4	835-007
	1	835-010
	1 1/4	835-012
	1 1/2	835-015
	2	835-020
	2 1/2	835-025
	3	835-030
	4	835-040





PVC SCHEDULE 80 PRESSURE FITTINGS


	SIZE	FIG. NO.	PRICE
	<b>REDUCER BUSHING (SpXS)</b>		
	12/X1/4	837-072	
	1/2X3/8	837-073	
	3/4X1/2	837-101	
	1X1/2	837-130	
	1X3/4	837-131	
	1 <sup>1/4</sup> X3/4	837-167	
	1 <sup>1/4</sup> X1	837-168	
	1 <sup>1/2</sup> X1/2	837-209	
	1 <sup>1/2</sup> X3/4	837-210	
	1 <sup>1/2</sup> X1	837-211	
	1 <sup>1/2</sup> X1 <sup>1/4</sup>	837-212	
	2X1/2	837-247	
	2X3/4	837-248	
	2X1	837-249	
	2X1 <sup>1/4</sup>	837-250	
	2X1 <sup>1/2</sup>	837-251	
	2 <sup>1/2</sup> X1 <sup>1/2</sup>	837-291	
	2 <sup>1/2</sup> X2	837-292	
	3X2	837-338	
	3X2 <sup>1/2</sup>	837-339	
4X2	837-420		
4X3	837-422		
6X4	837-532		

	SIZE	FIG. NO.	PRICE
	<b>REDUCER BUSHING (SpXT)</b>		
	3/8X1/4	838-052	
	1/2X1/4	838-072	
	1/2X3/8	838-073	
	3/4X1/2	838-101	
	1X1/2	838-130	
	1X3/4	838-131	
	1 <sup>1/4</sup> X1/2	838-166	
	1 <sup>1/4</sup> X3/4	838-167	
	1 <sup>1/4</sup> X1	838-168	
	1 <sup>1/2</sup> X1/2	838-209	
	1 <sup>1/2</sup> X3/4	838-210	
	1 <sup>1/2</sup> X1	838-211	
	1 <sup>1/2</sup> X1 <sup>1/4</sup>	838-212	
	2X1/2	838-247	
	2X3/4	838-248	
	2X1	838-249	
	2X1 <sup>1/4</sup>	838-250	
	2X1 <sup>1/2</sup>	838-251	
	2 <sup>1/2</sup> X1 <sup>1/2</sup>	838-291	
	2 <sup>1/2</sup> X2	838-292	
3X2	838-338		
3X2 <sup>1/2</sup>	838-339		
4X2	838-420		


	SIZE	FIG. NO.	PRICE
	<b>REDUCER BUSHING (TXT)</b>		
	3/8X1/4	839-052	
	1/2X1/4	839-072	
	1/2X3/8	839-073	
	3/4X1/4	839-098	
	3/4X3/8	839-099	
	3/4X1/2	839-101	
	1X1/4	839-128	
	1X1/2	839-130	
	1X3/4	839-131	
	1 <sup>1/4</sup> X1/2	839-166	
	1 <sup>1/4</sup> X3/4	839-167	


	SIZE	FIG. NO.	PRICE
	<b>REDUCER BUSHING (TXT) CONT'D</b>		
	1 <sup>1/4</sup> X1	839-168	
	1 <sup>1/2</sup> X3/4	839-210	
	1 <sup>1/2</sup> X1	839-211	
	1 <sup>1/2</sup> X1 <sup>1/4</sup>	839-212	
	2X1/2	839-247	
	2X3/4	839-248	
	2X1	839-249	
	2X1 <sup>1/4</sup>	839-250	
	2X1 <sup>1/2</sup>	839-251	
	3X2	839-338	
4X2	839-420		
4X3	839-422		


	SIZE	FIG. NO.	PRICE
	<b>CAPS (S)</b>		
	1/4	847-002	
	3/8	847-003	
	1/2	847-005	
	3/4	847-007	
	1	847-010	
	1 <sup>1/4</sup>	847-012	
	1 <sup>1/2</sup>	847-015	
	2	847-020	
	2 <sup>1/2</sup>	847-025	
	3	847-030	
	4	847-040	
	6	847-060	
	8	847-080	


	SIZE	FIG. NO.	PRICE
	<b>CAPS (T)</b>		
	1/4	848-002	
	3/8	848-003	
	1/2	848-005	
	3/4	848-007	
	1	848-010	
	1 <sup>1/4</sup>	848-012	
	1 <sup>1/2</sup>	848-015	
	2	848-020	
	2 <sup>1/2</sup>	848-025	
	3	848-030	
4	848-040		

	SIZE	FIG. NO.	PRICE
	<b>PLUG (Spg)</b>		
	2	849-020	

	SIZE	FIG. NO.	PRICE
	<b>PLUG (MT)</b>		
	1/4	850-002	
	3/8	850-003	
	1/2	850-005	
	3/4	850-007	
	1	850-010	
	1 <sup>1/4</sup>	850-012	
	1 <sup>1/2</sup>	850-015	
	2	850-020	
	3	850-030	
4	850-040		

	SIZE	FIG. NO.	PRICE
	<b>FLANGE (Blind)</b>		
	1 <sup>1/2</sup>	853-015	
	2	853-020	
	3	853-030	
4	853-040		

	SIZE	FIG. NO.	PRICE
	<b>VAN STONE FLANGE (S)</b>		
	1/2	854-005	
	3/4	854-007	
	1	854-010	
	1 <sup>1/4</sup>	854-012	
	1 <sup>1/2</sup>	854-015	
	2	854-020	
	2 <sup>1/2</sup>	854-025	
	3	854-030	
	4	854-040	
6	854-060		
8	854-080		
10	854-100		
12	854-120		

	SIZE	FIG. NO.	PRICE
	<b>VAN STONE FLANGE (T)</b>		
	1/2	855-005	
	3/4	855-007	
	1	855-010	
	1 <sup>1/4</sup>	855-012	
	1 <sup>1/2</sup>	855-015	
	2	855-020	
	22	855-025	
3	855-030		
4	855-040		

**DON'T SEE WHAT  
YOUR LOOKING  
FOR?**


**CALL US!**





**WE WILL HELP!**


**610-275-4453**


## PVC SCHEDULE 80 PRESSURE FITTINGS


SIZE	FIG. NO.	PRICE
<b>VAN STONE FLANGE (SPG)</b>		
	1/2	856-005
	3/4	856-007
	1	856-010
	1 1/4	856-012
	1 1/2	856-015
	2	856-020
	2 1/2	856-025
	3	856-030
	4	856-040
	6	856-060
	8	856-080


SIZE	FIG. NO.	PRICE
<b>45° WYE</b>		
	6X6X6	875-060


SIZE	FIG. NO.	PRICE
<b>45° REDUCING WYE</b>		
	6X6X4	876-532

SIZE	FIG. NO.	PRICE
<b>45° ELL</b>		
	6	817-060

SIZE	FIG. NO.	PRICE
<b>30° ELL</b>		
	6	815-060

SIZE	FIG. NO.	PRICE
<b>UNION O-RING (SXS)</b>		
	1/4	897-002
	3/8	897-003
	1/2	897-005
	3/4	897-007
	1	897-010
	1 1/4	897-012
	1 1/2	897-015
	2	897-020
	3	897-030

SIZE	FIG. NO.	PRICE
<b>UNION O-RING (TXT)</b>		
	1/4	898-002
	3/8	898-003
	1/2	898-005
	3/4	898-007
	1	898-010
	1 1/4	898-012
	1 1/2	898-015
	2	898-020
	3	898-030

SIZE	FIG. NO.	PRICE
<b>WYE STRAINER (SXS)</b>		
<b>SLIP</b>		
	1/4	43692
	3/8	43693
	1/2	38775
	3/4	38776
	1	38777
	1 1/4	38778
	1 1/2	38779
	2	38780
<b>THREADED</b>		
	1/2	33773
	3/4	33774
	1	33775
	1 1/4	33776
	1 1/2	33777
	2	33778

### DUFFNOTE:

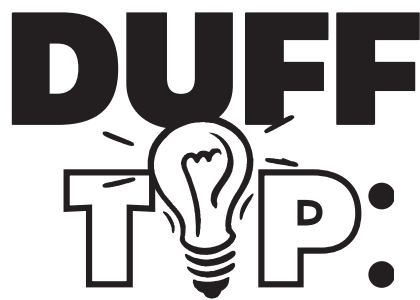
For the complete list of solvents, please see page 671



### SCHEDULE 80 PVC PIPE



NOM PIPE SIZE	O.D.	AVE I.D.	MAX WP PSI	FIG. NO.	PRICE
1/4	.540	.288	1130	11493	
3/8	.675	.407	920	11494	
1/2	.840	.528	850	11461	
3/4	1.050	.724	690	11462	
1	1.315	.935	630	11463	
1 1/4	1.660	1.256	520	11464	
1 1/2	1.900	1.476	470	11465	
2	2.375	1.913	400	11466	
2 1/2	2.875	2.289	420	11467	
3	3.500	2.864	370	11468	
4	4.500	3.786	320	11469	
5	5.563	4.767	290	38152	
6	6.625	5.709	280	11470	
8	8.625	7.565	250	11471	
10	10.750	9.492	230	47543	
12	12.750	11.294	230	47544	



**DON'T FORGET TO CHECK YOUR SUPPLY OF PVC CLEANER AND CEMENT!**

CPVC SCHEDULE 80 PRESSURE FITTINGS AND PIPE

SCHEDULE 80 HI-TEMP CPVC PIPE



**AVAILABLE IN  
20' LENGTHS**

Chlorinated Poly (vinyl chloride) CPVC - An industrial thermoplastic piping material which can be used for higher temperature applications. CPVC retains its mechanical strength at higher temperatures. Compare: CPVC=200° F max  
PVC=140° F max

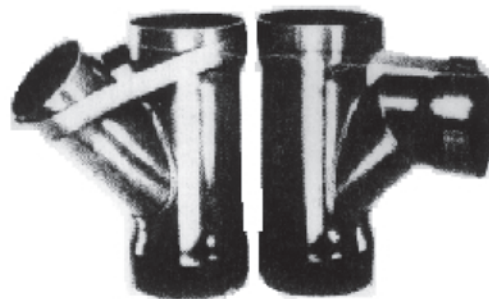
NOMINAL PIPE SIZE	O.D.	AVERAGE I.D.	MAX WP PSI	FIG. NO.	PRICE
1/4	.540	.288	1130	9360	
3/8	.675	.407	915	9362	
1/2	.840	.528	850	9339	
3/4	1.050	.724	690	9341	
1	1.315	.935	630	9342	
1 1/4	1.660	1.256	520	9344	
1 1/2	1.900	1.476	470	9345	
2	2.375	1.913	400	9346	
2 1/2	2.875	2.289	425	71292	
3	3.500	2.864	375	9347	
4	4.500	3.786	320	9348	
6	6.625	5.709	270	52605	

**DUFF  
IS ALWAYS**



**365 Days a Year  
24 Hour Emergency Service**

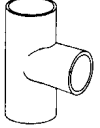
LARGE DIAMETER PVC  
FABRICATED FITTINGS  
8" THRU 24"



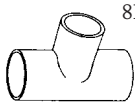
**CALL TODAY WITH YOUR SPECIFICATIONS!**



## CPVC HEAVY DUTY SCHEDULE 80 PRESSURE FITTINGS

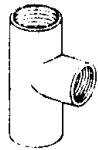
	SIZE	FIG. NO.	PRICE
	1/2	9801-005	
	3/4	9801-007	
	1	9801-010	
	1 1/4	9801-012	
	1 1/2	9801-015	
	2	9801-020	
	2 1/2	9801-025	
	3	9801-030	
	4	9801-040	
	6	9801-060	
8	9801-080		

### REDUCING TEE (SXSXS)



8X8X6 9801-585

### TEE (TXTXT)



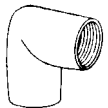
1/4	9805-002
3/8	9805-003
1/2	9805-005
3/4	9805-007
1	9805-010
1 1/4	9805-012
1 1/2	9805-015
2	9805-020

### 90° (SXS)

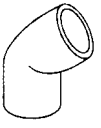


1/4	9806-002
3/8	9806-003
1/2	9806-005
3/4	9806-007
1	9806-010
1 1/4	9806-012
1 1/2	9806-015
2	9806-020
2 1/2	9806-025
3	9806-030
4	9806-040
6	9806-060
8	9806-080

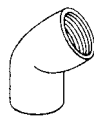
### 90° (TXT)



1/4	9808-002
3/8	9808-003
1/2	9808-005
3/4	9808-007
1	9808-010
1 1/4	9808-012
1 1/2	9808-015
2	9808-020

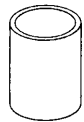
	SIZE	FIG. NO.	PRICE
	1/4	9817-002	
	3/8	9817-003	
	1/2	9817-005	
	3/4	9817-007	
	1	9817-010	
	1 1/4	9817-012	
	1 1/2	9817-015	
	2	9817-020	
	2 1/2	9817-025	
	3	9817-030	
	4	9817-040	
	6	9817-060	
	8	9817-080	

### 45° ELL (TXT)



1/4	9819-002
3/8	9819-003
1/2	9819-005
3/4	9819-007
1	9819-010
1 1/4	9819-012
1 1/2	9819-015
2	9819-020
2 1/2	9819-025
3	9819-030

### COUPLING (SXS)

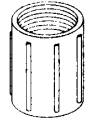


1/4	9829-002
3/8	9829-003
1/2	9829-005
3/4	9829-007
1	9829-010
1 1/4	9829-012
1 1/2	9829-015
2	9829-020
2 1/2	9829-025
3	9829-030
4	9829-040
6	9829-060
8	9829-080

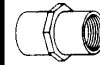
### REDUCER COUPLING (SXS)



1/2X1/4	9829-073
3/4X1/2	9829-101
1X1/2	9829-130
1X3/4	9829-131
1 1/2X1	9829-211
1 1/2X1 1/4	9829-212
2X1 1/2	9829-251
3X2	9829-338
4X3	9829-422
8X6	9829-585

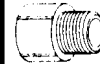
	SIZE	FIG. NO.	PRICE
	1/4	9830-002	
	3/8	9830-003	
	1/2	9830-005	
	3/4	9830-007	
	1	9830-010	
	1 1/2	9830-015	
	2	9830-020	

### FEMALE ADAPTER (SXT)



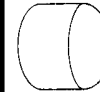
1/4	9835-002
3/8	9835-003
1/2	9835-005
3/4	9835-007
1	9835-010
1 1/4	9835-012
1 1/2	9835-015
2	9835-020
3	9835-030
4	9835-040

### MALE ADAPTER (SXMT)



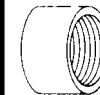
1/2	9836-005
3/4	9836-007
1	9836-010
1 1/4	9836-012
1 1/2	9836-015

### CAPS (S)




3/8	9847-003
1/2	9847-005
3/4	9847-007
1	9847-010
1 1/4	9847-012
1 1/2	9847-015
2	9847-020
2 1/2	9847-025
3	9847-030
4	9847-040
6	9847-060
8	9847-080

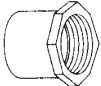
### CAPS (T)

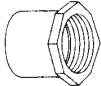


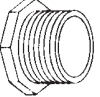
1/4	9848-002
3/8	9848-003
1/2	9848-005
3/4	9848-007
1	9848-010
1 1/4	9848-012
1 1/2	9848-015
2	9848-020
3	9848-030
4	9848-040

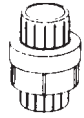
CPVC SCHEDULE 80 PRESSURE FITTINGS

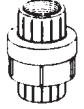
SIZE	FIG. NO.	PRICE
<b>REDUCER BUSHING (SPGXS)</b>		
	1/2X1/4	9837-072
	1/2X3/8	9837-073
	3/4X1/2	9837-101
	1X1/2	9837-130
	1X3/4	9837-131
	1 1/4X1/2	9837-166
	1 1/4X3/4	9837-167
	1 1/4X1	9837-168
	1 1/2X1/2	9837-209
	1 1/2X3/4	9837-210
	1 1/2X1	9837-211
	1 1/2X1 1/4	9837-212
	2X1/2	9837-247
	2X3/4	9837-248
	2X1	9837-249
	2X1 1/4	9837-250
	2X1 1/2	9837-251
	2 1/2X1 1/2	837-291
	2 1/2X2	9837-292
	3X2	9837-338
	3X2 1/2	9837-339
	4X2	9837-420
	4X3	9837-422
	6X4	9837-532

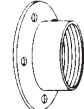
SIZE	FIG. NO.	PRICE
<b>REDUCER BUSHING (SPGXT)</b>		
	3/8X1/4	9838-052
	1/2X3/8	9838-072
	3/4X1/2	9838-073
	1X1/2	9838-101
	1X3/4	9838-130
	1 1/4X1/2	9838-131
	1 1/4X3/4	838-166
	1 1/4X1	838-167
	1 1/2X1/2	9838-168
	1 1/2X3/4	9838-209
	1 1/2X1	9838-210
	1 1/2X1 1/4	9838-211
	2X1/2	9838-212
	2X3/4	838-247
	2X1	9838-248
	2X1 1/4	9838-249
	2X1 1/2	838-250
	2 1/2X1 1/2	9838-251
	2 1/2X2	838-291
	3X2	9838-292
	3X2 1/2	9838-338
	4X2	9838-420
	4X3	9838-422

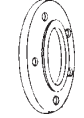
SIZE	FIG. NO.	PRICE
<b>REDUCER BUSHING (MTXT)</b>		
	3/4X1/2 1	9839-101
	X3/4	9839-131
	1 1/4X1	9839-168
	1 1/2X1 1/4	9839-212
	2X1 1/2	9839-251

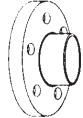
SIZE	FIG. NO.	PRICE
<b>PLUG (MT)</b>		
	1/4	9850-002
	3/8	850-003
	1/2	9850-005
	3/4	9850-007
	1	9850-010
	1 1/2	9850-015
	2	9850-020
	3	9850-030
	4	9850-040


SIZE	FIG. NO.	PRICE
<b>UNION O-RING (SXS)</b>		
	1/4	9897-002
	1/2	9897-005
	3/4	9897-007
	1	9897-010
	1 1/4	9897-012
	1 1/2	9897-015
	2	9897-020
	3	9897-030

SIZE	FIG. NO.	PRICE
<b>UNION O-RING (TXT)</b>		
	3/8	9898-003
	1/2	9898-005
	3/4	9898-007
	1	9898-010
	1 1/4	9898-012
	1 1/2	9898-015
	2	9898-020

SIZE	FIG. NO.	PRICE
<b>FLANGE (T)</b>		
	1/2	9852-005
	3/4	9852-007
	1	9852-010
	1 1/2	9852-015
	2	9852-020
	3	9852-030
	4	9852-040

SIZE	FIG. NO.	PRICE
<b>FLANGE (BLIND)</b>		
	1 1/2	9853-015
	2	9853-020
	3	9853-030
	4	9853-040
	6	9853-060
	8	9853-080

SIZE	FIG. NO.	PRICE
<b>VAN STONE FLANGE (S)</b>		
	1/2	9854-005
	3/4	9854-007
	1	9854-010
	1 1/4	9854-012
	1 1/2	9854-015
	2	9854-020
	2 1/2	9854-025
	3	9854-030
	4	9854-040
	5	9854-060
	8	9854-080
	10	9854-100
	12	9854-120

SIZE	FIG. NO.	PRICE
<b>VAN STONE FLANGE (SPG)</b>		
	1/2	9856-005
	3/4	9856-007
	1	9856-010
	1 1/4	9856-012
	1 1/2	9856-015
	2	9856-020
	2 1/2	856-025
	3	856-030
	4	856-040
	6	856-060
	8	856-080

**DUFFNOTE:**

For the complete list of solvents, please see page 671



**DUFF DIFFERS**

## PLASTIC NIPPLES

### P V C S C H E D U L E 8 0

D I A M E T E R

ALL NIPPLES ARE FROM SCHEDULE 80 PIPE

SPECIAL SIZES AVAILABLE



L E N G T H

	CLOSE	1 1/2"	2"	3"	4"	5"	6"
1/4"	13380	13381	13382	13384	13386	13388	13390
3/8"	13391	13392	13393	13395	13397	13399	13401
1/2"	13403	13404	13405	13407	13409	13411	13413
3/4"	13414	13415	13416	13418	13420	13422	13424
1"	13425	-	13426	13428	13430	13432	13434
1 1/4"	13435	-	13436	13438	13440	13442	13444
1 1/2"	13445	-	13446	13448	13450	13452	13454
2"	13455	-	13456	13457	13459	13461	13463
2 1/2"	13464	-	-	13465	13466	13467	13468
3"	13469	-	-	13470	13471	13472	13473
4"	13474	-	-	-	13475	13476	13477

### C P V C S C H E D U L E 8 0

D I A M E T E R

FOR HOT WATER

ALL NIPPLES ARE FROM SCHEDULE 80 PIPE

SPECIAL SIZES AVAILABLE



L E N G T H

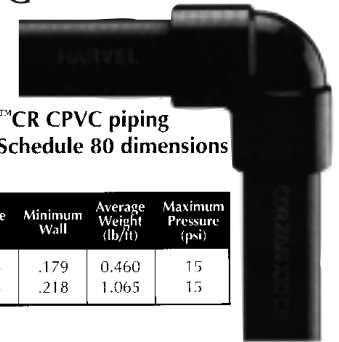
	CLOSE	1 1/2"	2"	3"	4"	5"	6"
1/4"	10110	10111	10112	10124	10128	10130	10134
3/8"	10147	10177	13393	10187	13397	10197	10202
1/2"	10207	10210	10211	10215	10218	10221	10224
3/4"	10227	10229	10230	17505	17507	17510	17512
1"	17513	-	17514	17516	17518	17520	17522
1 1/4"	10236	-	10238	10242	10245	10248	10251
1 1/2"	10255	-	10258	10262	10272	10276	10282
2"	10288	-	10291	10293	10296	10301	10304

CORZAN HIGH TEMPERATURE PIPING

Specifically targeted for high temperature, small diameter condensate return (CR) lines and industrial drainage systems. Safely handles hot corrosives where operating conditions exceed the temperature limitations of standard CPVC. CR system (complete with quality fittings and solvent cements) provides a tough alternative to carbon steel and other metallic systems.

Temperatures up to 215°F. Exceptional corrosion resistance provides a tough alternative for many systems that are too aggressive for metallics. Typical usage, hot caustics and acids typically found in food-processing operations, metal treating/electroplating facilities, pulp and paper mills, chemical manufacturing industries, and water and waste-water treatment facilities.

Ideal for low pressure/drainage applications involving hot chemical service. Maximum pressure rating of 15 psi @ 215°F. Detailed installation information is available from our experts.



Harvel Corzan X10™ CR CPVC piping is produced to IPS Schedule 80 dimensions per ASTM F441

Nominal Pipe Size (in.)	Average O.D.	Average I.D.	Minimum Wall	Average Weight (lb/ft)	Maximum Pressure (psi)
1	1.315	0.935	.179	0.460	15
2	2.375	1.913	.218	1.065	15

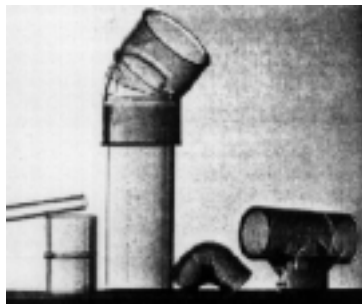
Harvel Corzan X10™ CR Maximum Support Spacing (ft)

Nominal Pipe Size (in.)	Temperature F							
	73	100	120	140	160	180	200	215
1	6	6	5 1/2	5	3 1/2	3	2 1/2	2 1/2
2	7	7	6 1/2	6	4	3 1/2	3 1/2	3

Chart for support spacing for continuous spans of uninsulated lines carrying fluids with a specific gravity up to 1.00

FITTINGS AVAILABLE: 90° Elbow, 45° Elbow, Coupling, Male Adapter, Tees, Reducer Bushings.

CLEAR RIGID SCHEDULE 40 PVC PIPE AND FITTINGS



Made from a clear rigid compound to permit visual contact with the flow. Made from non-toxic ingredients conforming to FDA standard for use with food contact surfaces. Smooth pipe interior surface provides excellent flow char? Flame retardant; non-conductive Quick and easy glue-on installation with primer, cleaner Manufactured to schedule 40 dimensions allowing use in schedule 40 installation Fittings amy be COLD sterilized in Ethylene Oxide 10 foot length pipe Fittings: 90° ell, tees, couplings, male adapters, female adapters, 1/2" to 2": cement, cleaner Threading not recommended.

APPLICATIONS

Sight gauges, wet or dry food processing, beverage transmission and processing, laboratories, pharmaceutical manufacture, chemical processing, photofinishing, hospitals, electroplating, dairy processing.

**ALL FITTINGS AVAILABLE!**

PIPE

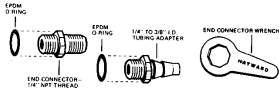
NOM PIPE SIZE	FIG. NO.	ID (IN)	OD (IN)	MAX WORKING PSI AT 70°F
1/4	48636	.346	.540	390
3/8	48637	.473	.675	310
1/2	48638	.602	.840	300
3/4	48639	.804	1.050	240
1	48640	1.029	1.315	220
1 1/4	48641	1.360	1.660	180
1 1/2	48642	1.590	1.900	170
2	48643	2.047	2.375	140
3	48644	3.042	3.500	130
4	48645	3.998	4.500	110
6	48646	6.375	6.625	45

## LAB FITTINGS, SINKS AND COUNTER TOPS

DEIONIZED WATER CORROSIVE ATMOSPHERES DEMINERALIZED WATER DISTILLED WATER

SIZE	FIG. NO.	PRICE
------	----------	-------

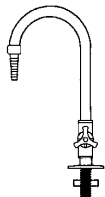
### UNIVERSAL LAB COCK



Adapts to F X F, F X M, F X HOSE, M X M, M X HOSE AND HOSE X HOSE configurations!

1/4" 33458

### CONTROLLED FLO PLASTIC LAB FIXTURE



Polyvinyl chloride service fixtures with special molded needle valve near the base of the fixture for fine adjustments of fluids.

These fixtures are compatible with all laboratory service lines, and are resistant to internal and environmental corrosion, abrasion and leaching in the presence of high purity distilled and demineralized waters. They are produced in standard 3/8" NPT size and are compatible with all conventional services, including water, all gases hot and hot water, vacuum and etc.

PVC 28352  
POLY PRO 28353

### REMOTE LAB FAUCET - PVC

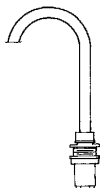


Fig. No. 28358

### POLYPROPYLENE LABORATORY SINKS



SIZE	FIG. NO.	PRICE
------	----------	-------

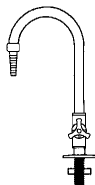
### LABCOCK FEMXBARB



1/4 FEM X 1/4 BARB  
Precise fingertip control  
Perfect for laboratory use

1/4 52559

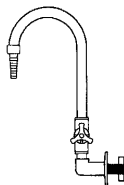
### LAB FAUCET - PVC



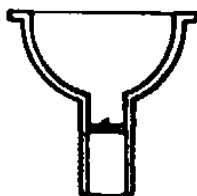
Deck mount

28357

### PANEL MOUNT LAB FAUCET PVC

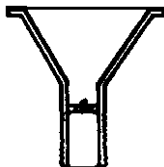


### POLYPROPYLENE CUP SINKS



SIZE	FIG. NO.	PRICE
------	----------	-------

9X3"  
6X3"

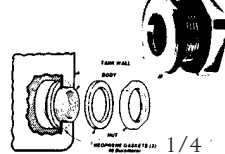


7"

**WE CAN FABRICATE OR BUILD ANY LABORATORY TOP, SINK OR COUNTER!**

SIZE	FIG. NO.	PRICE
------	----------	-------

### TANK FITTINGS



1/4	15958
3/8	15960
1/2	15962
3/4	15964
1	15965
1 1/4	15967
1 1/2	15969
2	15970

### HEAVY DUTY BULKHEAD FITTING



S	L	I	P	X	F	P	T
---	---	---	---	---	---	---	---

1/2	871-005
3/4	871-007
1	871-010
1 1/4	871-012
1 1/2	871-015
2	871-020
3	871-030
4	871-040
6	871-060

F	P	T	X	F	P	T
---	---	---	---	---	---	---

1/2	872-005
3/4	872-007
1	872-010
1 1/4	872-012
1 1/2	872-015
2	872-020
3	872-030
4	872-040
6	872-060

### BOTTLE DRAIN

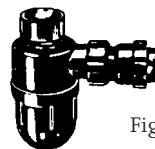
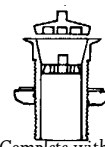


Fig. No. 36473

### SINK WASTE FITTING

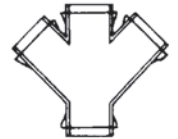
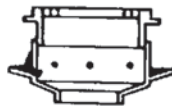
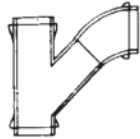


Complete with locknut, plug and strainer.

Fig. No. 19759

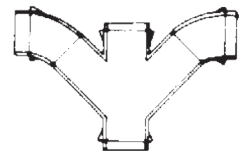
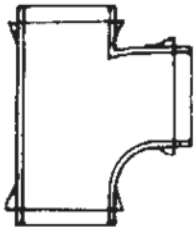
CHEMICAL RESISTANT DRAIN & HIGH PURTY PIPE SYSTEMS

Mechanical Joint  
Polypropylene



Mechanical joint from 1 1/2" - 6"

Fusion Joint Style

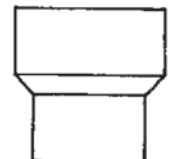
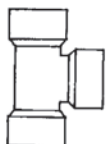
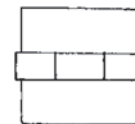
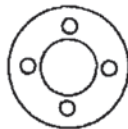


**Enfield**

**Chemtrol®**

**ZURN**

POLYPROPYLENE HIGH PURITY WATER SYSTEM  
SOCKET & BUTT FUSION SYSTEM



**ALL AVAILABLE FOR QUICK SHIPMENT**

**THERMOPLASTIC WELDING**

Duff 120V super plastic welder kit. This is a complete plastics welding kit for production and general use. Features a cooler barrel which reduces the risk of injury. This welder features adjustable heat control. Kit contains the welder, one tacking tip, one round tip, air compressor and carrying case.

It is possible to weld most thermoplastic material, that can be softened or shaped by heat, with a Duff electric hot air welder. This lightweight, hand held unit makes it easy for even the inexperienced user to develop the 'feel;' for welding plastic and doing it economically and with speed after only a few hours of study and practice. Whether fabricating thermoplastic stock or repairing various types of plastic parts, hot air welding is usually performed on plastics with at thickness of 1/16 inch, or more. The bond achieved, depending on the type of weld, is generally as strong (90% or more) as the original material. Duff hot air welding equipment is specially designed for extensive hand-held use without causing operator fatigue. The equipment is light and very maneuverable. It can be moved easily from one project work area to another. All that is needed is a concentrated effort to learn about the use of the equipment.



**CALL FOR PRICING AND AVAILABILITY!**

**W E L D I N G   R O D**

**PVC WELDING ROD**

Available in either a round or triangular cross section, white or gray color, in straight lengths 48" long.


**CPVC WELDING ROD**


Available in either a round or triangular cross section in 48" lengths. Its light gray color matches the CPVC sheet.


DESCRIPTION	ROUND		TRIANGULAR		PRICE
	FIG. NO.	FT./LB.	FIG. NO.	FT./LB.	
PVC 1/8" Gray	DRH1800-004	124	DRH1800-014	114	
PVC 5/32" Gray	DRH1800-005	84	DRH1800-015	65	
PVC 3/16" Gray	DRH1800-006	62	DRH1800-016	50	
PVC 1/8" White	DRH1800-104	124	DRH1800-114	114	
PVC 5/32" White	DRH1800-105	84	DRH1800-115	65	
PVC 3/16" White	DRH1800-106	62	DRH1800-116	50	
PVC 1/8" Clear	DRH1800-204	140	DRH1800-214	110	
PVC 5/32" Clear	DRH1800-205	90	DRH1800-215	60	
PVC 3/16" Clear	DRH1800-206	62	DRH1800-216	53	
PVC 1/8" Blue	DRH1800-304	124	-	-	
PVC 5/32" Blue	DRH1800-305	84	-	-	
CPVC 1/8"	DRH1808-004	112	DRH1808-014	118	
CPVC 5/32"	DRH1808-005	77	DRH1808-015	75	
CPVC 3/16"	DRH1808-006	56	DRH1808-016	52	


**SOLD BY THE POUND**


PVC DRAIN WASTE VENT FITTINGS


	SIZE	FIG. NO.	PRICE
	1 1/4	10473	
	1 1/2	10480	
	2	10488	
	3	10489	
	4	10494	
	6	10498	


	SIZE	FIG. NO.	PRICE
	1 1/2	10507	
	2	10508	
	3	10518	
	4	10528	


	SIZE	FIG. NO.	PRICE
	2X1 1/2	10501	
	3X1 1/2	17799	
	3X2	17800	
	4X2	17802	
	4X3	17801	


	SIZE	FIG. NO.	PRICE
	1 1/2X1 1/4	10530	
	2X13	18037	
	2X12	10533	
	3X12	10538	
	3X2	10546	
	4X2	10551	
	4X3	10554	
	6X4	20102	


	SIZE	FIG. NO.	PRICE
	1 1/4	10571	
	1 1/2	10573	
	2	10576	
	3	10580	
	4	10582	
	1 1/2X1 1/4	24827	


	SIZE	FIG. NO.	PRICE
	1 1/4	10555	
	1 1/2	10559	
	2	10562	
	3	10565	
	4	10567	
	6	10569	


	SIZE	FIG. NO.	PRICE
	1 1/2	10636	
	2	10639	
	3	10643	
	4	10650	
	6	10654	
	8	49125	


	SIZE	FIG. NO.	PRICE
	1 1/2	10658	
	2	10663	
	3	10665	
	4	10675	
	6	10679	
	8	53624	


	SIZE	FIG. NO.	PRICE
	1 1/2	10332	
	2	10334	
	3	10336	
	4	10338	
	6	48877	


	SIZE	FIG. NO.	PRICE
	1 1/2	10281	
	2	10284	
	3	10286	
	4	10289	
	6	10292	


	SIZE	FIG. NO.	PRICE
	1 1/2	10302	
	2	10306	
	3	10309	
	4	10311	
	6	10314	


	SIZE	FIG. NO.	PRICE
	1 1/2	10321	
	2	10323	
	3	10325	
	4	10327	


	SIZE	FIG. NO.	PRICE
	1 1/4	10138	
	1 1/2	10140	
	2	10141	
	3	10142	
	4	10143	
	6	10144	


	SIZE	FIG. NO.	PRICE
	1 1/4	10145	
	1 1/2	10146	
	2	10180	
	3	10192	
	4	10196	
	6	10201	


	SIZE	FIG. NO.	PRICE
	3X3X1 1/2	10206	
	3X3X2	10274	


	SIZE	FIG. NO.	PRICE
	3X3X1 1/2	18327	
	3X3X2	18328	

	SIZE	FIG. NO.	PRICE
	1 1/2	10422	
	2	10430	
	3	10433	
	4	10436	
	6	10438	
	2X2X1 1/2	17844	
	3X3X1 1/2	10443	
	3X3X2	10447	
	4X4X2	10460	
	4X4X3	10457	
6X6X4	10470		

	SIZE	FIG. NO.	PRICE
	1 1/2	23970	
	2	23971	
	3	23972	
	4	21051	
	3X3X2X2	29512	
	4X4X2X2	20760	

	SIZE	FIG. NO.	PRICE
	1 1/2	29499	
	2	29500	
	3	29502	
	2x1 1/2x1 1/2	29501	

	SIZE	FIG. NO.	PRICE
	1 1/2	38607	
	2	38608	
	3	38609	
	4	38610	

	SIZE	FIG. NO.	PRICE
	1 1/4	10349	
	1 1/2	10351	
	2	10352	
	3	10355	
	4	10357	
	6	38600	
	2x1 1/2x1 1/2	29505	
	2X1 1/2X2	29507	
	2X2X1 1/2	10367	
	3X3X1 1/2	10371	
	3X3X2	10374	
	4X4X2	10380	
	4X4X3	10381	
	6X4	42479	

**FOR DWV PIPE - SEE PAGE 581**




## PVC DRAIN WASTE VENT FITTINGS CONT'D

SIZE	FIG. NO.	PRICE
------	----------	-------

### SANITARY TEE (SpXHXH)

	3	63382
	4	63383


### DOUBLE SANITARY TEE HXHXHXH

	1 1/2	10382
	2	10384
	3	10387
	4	10389
2 X 2 X 1 1/2 X 1 1/2		18329
3 X 3 X 1 1/2 X 1 1/2		18330
3 X 3 X 2 X 2		18331
4 X 4 X 2 X 2		18332
4 X 4 X 3 X 3		18333


### P TRAP LA PATTERN W/ UNION SLIPXH

	1 1/2	10896
-----------------------------------------------------------------------------------	-------	-------


### PTRAP W/ UNION HXH

	1 1/4	40050
------------------------------------------------------------------------------------	-------	-------


### PTRAP W/ SOLVENT WELD JOINT HXH

	1 1/2	68193
	2	68194
	3	68195
	4	10891


### PTRAP U-BEND HXH

	1 1/2	10683
	2	10698
	3	10701


### DRUM TRAP HXH

	3X6X1 1/2	10899
-------------------------------------------------------------------------------------	-----------	-------

### TRAP ADAPTER Female w/ self sealing nut (HXSLIP)


	1 1/2	10584
	1 1/2 x 1 1/4	10588

### TRAP ADAPTER Male w/ washer & nut (SpgXSlip)


	1 1/2	10591
	1 1/2 x 1 1/4	10594

SIZE	FIG. NO.	PRICE
------	----------	-------


### CLOSET FLANGE

	4 Hub	10916
	4x3 Hub	10913


### CLOSET FLANGE HUB END

	4X3	10920
-----------------------------------------------------------------------------------	-----	-------


### CLOSET FLANGE W/ ADJUSTABLE RING

	4X3	10924
-----------------------------------------------------------------------------------	-----	-------

### OFFSET CLOSET FLANGE W/ Adjustable metal ring (Hub)

	4x3	10893
-----------------------------------------------------------------------------------	-----	-------

### HUB ADAPTER Cast Iron (Adapts DWV Spigot to Cast Iron Hub) (HxSpg)

	2	10613
	3	10632
	4	10634
	1 1/2 X 2 CI	18041
	3 X 4 CI	10630

### ADAPTER COUPLING (Adapts Sewer & Drain Spigot to DWV Spigot) (HxH)

	4x3	29528
-------------------------------------------------------------------------------------	-----	-------




### 4" CAST IRON CLOSE FLANGE REPLACEMENT

PVC. Up to 3" of adjustment to riser compression joint. Slides inside 4" cast iron and sch. 40 ABS and PVC. No need to remove leaded joint. No tearing up of floors. No caulking of lead joint. Just lip into pipe and tighten 3 stainless steel bolts. Great for new concrete construction. Can be used with 4" heavy duty service weight or no hub cast iron.


4"	48455
----	-------

SIZE	FIG. NO.
------	----------

### PVC SADDLE TEE

	3X2	15807
	4X2	15809
	4X3	50405
	4X4	15810


### 4" PVC BACKWATER VALVE

	4	15819
-------------------------------------------------------------------------------------	---	-------

### GENERAL PURPOSE STRAINER for use in concrete, terrazzo and ceramic tile.

	2	15760
	3	15762

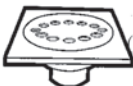
### PVC SHOWER DRAIN

	fits both 2" and 3" PVC	42033
-------------------------------------------------------------------------------------	-------------------------	-------

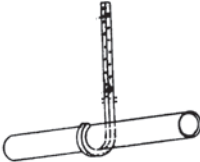
### PVC DOME ROOF DRAIN

	3	15788
	4	15790

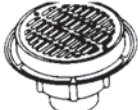
### PVC FLOOR DRAIN

	6X6 (1 1/2" & 2")	15777
	9X9 (3")	15780


### DRAIN PIPE "J" HOOK

	1/2	15974
	3/4	15976
	1	15977
	1 1/2	15980
	2	15981
	3	15983
	4	15985

### PVC GRATE FLOOR DRAIN 4"


	15785
---------------------------------------------------------------------------------------	-------


SEWER & DRAIN FITTINGS


	SIZE	FIG. NO.	PRICE
<b>SANITARY TEE</b> 	3	11312	
	4	11313	
	6	11314	
	6X4	11315	

	SIZE	FIG. NO.	PRICE
<b>TEE-CROSS</b> 	4	11317	


	SIZE	FIG. NO.	PRICE
<b>1/4 BEND</b> 	3	11319	
	4	73691	
	6	11323	


	SIZE	FIG. NO.	PRICE
<b>1/4 BEND LONG TURN</b> 	3	63452	
	4	63453	
	6	63454	
	8	63456	

	SIZE	FIG. NO.	PRICE
<b>1/4 STREET BEND LONG TURN</b> 	3	11324	
	4	11325	
	6	11326	


	SIZE	FIG. NO.	PRICE
<b>45° WYE</b> 	3	11327	
	4	11328	
	6	11329	
	6X4	11330	


	SIZE	FIG. NO.	PRICE
<b>1/8 STREET BEND</b> 	3	11396	
	4	11400	
	6	11405	


	SIZE	FIG. NO.	PRICE
<b>1/8 BEND</b> 	3	11331	
	4	11332	
	6	11333	


	SIZE	FIG. NO.	PRICE
<b>COUPLING</b> 	3	11334	
	4	11335	
	6	11336	




	SIZE	FIG. NO.	PRICE
<b>DWV COUPLING</b> 	4X4	11340	
	6X4	11343	

	SIZE	FIG. NO.	PRICE
<b>REDUCER COUPLING</b> 	4X3	11337	
	6X4	11338	


	SIZE	FIG. NO.	PRICE
<b>DRAIN GRATE</b> 	3	11345	
	4	11346	
	6	11347	

	SIZE	FIG. NO.	PRICE
<b>FEMALE ADAPTER</b> 	3	40025	
	4	40026	
	6	40027	

	SIZE	FIG. NO.	PRICE
<b>FITTING CLEANOUT</b> 	4	11375	
	6	47656	


	SIZE	FIG. NO.	PRICE
<b>CAP</b> 	3	11381	
	4	11383	
	6	11385	

	SIZE	FIG. NO.	PRICE
<b>1/16 BEND</b> 	3	11411	
	4	11415	
	6	19952	

	SIZE	FIG. NO.	PRICE
<b>DOWNSPOUT ADAPTER</b> 	2X3X3	11387	
	2X3X4	11388	
	3X4X3	11391	
	3X4X4	11394	

	SIZE	FIG. NO.	PRICE
<b>SADDLE TEE</b> 	4 ON 6	45167	
	6 ON 8	45168	

	SIZE	FIG. NO.	PRICE
<b>SADDLE WYE</b> 	4 ON 6	45169	
	6 ON 8	45170	

	SIZE	FIG. NO.	PRICE
<b>VENT CAP PVC</b> 	Fits 3" & 4"	15815	

**S&D PIPE**  
**10Foot Lengths**

SOLID

SIZE	FIG. NO.	PRICE
3"	11484	
4"	11486	
6"	11487	


PERFORATED

SIZE	FIG. NO.	PRICE
3"	11483	
4"	11485	
6"	41951	

PVC FLOOR SINK

	FIG. NO.	PRICE
 3" Sch 40 outlet	60980	

PVC ADJUSTABLE URINAL FLANGE


	FIG. NO.	PRICE
	15757	

**DUFF IS ALWAYS ON CALL!**


**365 Days a Year  
24 Hour Emergency Service**





## SDR 35 GASKETED FITTINGS & PIPE


SIZE	FIG. NO.	PRICE
<b>STRAIGHT TEE</b>		
	4	11693
	6	11698
	6X4	11695
	8	11707
	8X4	11700
	8X6	11703
	10	11717
	12	19967


SIZE	FIG. NO.	PRICE
<b>STRAIGHT TEE SPIGOT</b>		
	4	49338


SIZE	FIG. NO.	PRICE
<b>SANITARY TEE</b>		
	4	11891
	6	11902
	6X4	11895
	8	CALL FOR PRICING!
	8X4	11907
	8X6	11914
	10X6	11925


SIZE	FIG. NO.	PRICE
<b>1/4 BEND</b>		
	4	52445
	6	52446
	8	CALL FOR PRICING!


SIZE	FIG. NO.	PRICE
<b>1/4 BEND LONG TURN</b>		
	4	11654
	6	11660
	8	11664
	10	11669


SIZE	FIG. NO.	PRICE
<b>1/4 BEND LONG TURN SPIGOT</b>		
	4	11671
	6	11674
	8	11676
	10	11679
	12	19966


SIZE	FIG. NO.	PRICE
<b>45° WYE</b>		
	4	11793
	6	11801
	6X4	11797
	8	11819
	8X4	11808
	8X6	11814
	10X8	11842
	10X6	11834
	10X4	11822
	10	11847

SIZE	FIG. NO.	PRICE
<b>1/8 BEND SPIGOT</b>		
	4	11641
	6	11645
	8	11648
	10	11651
	12	19964


SIZE	FIG. NO.	PRICE
<b>1/8 BEND</b>		
	4	11617
	6	11631
	8	11634
	10	11638
	12	19963


SIZE	FIG. NO.	PRICE
<b>COUPLING</b>		
	4	11727
	6	11730
	8	11731
	10	11733
	12	19969


SIZE	FIG. NO.	PRICE
<b>REPAIR COUPLING</b>		
	4	11737
	6	11740
	8	11777
	10	11787
	12	19970

SIZE	FIG. NO.	PRICE
<b>HUB ADAPTER</b>		
	4X4	19979
	6X6	19980

SIZE	FIG. NO.	PRICE
<b>SPIGOT PLUG</b>		
	4	11719
	6	11720

SIZE	FIG. NO.	PRICE
<b>DWV BUSHING</b>		
	4X4	50440

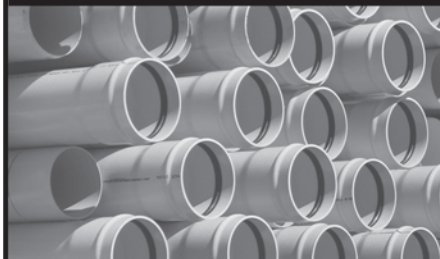
SIZE	FIG. NO.	PRICE
<b>BUSHING</b>		
	6X4	11955
	8X4	11961

SIZE	FIG. NO.	PRICE
<b>CAP</b>		
	4	11682
	6	11685
	8	11688
	10	11690
	12	19968

SIZE	FIG. NO.	PRICE
<b>1/16 BEND</b>		
	4	19958
	6	19959
	8	19960

### SDR 35 PIPE

GASKETED SEWER MAIN  
12 1/2' LENGTH



**SDR IS AVAILABLE UP TO 24"**

NOM SIZE	FIG. NO.	PRICE
4"	11488	
6"	11489	
8"	11490	
10"	11491	
12"	19433	

### ASTMD3034 SDR-35

NOM PIPE SIZE (IN.)	OD (IN.)	WALL (IN.)
4"	4.215	.125
6"	6.275	.180
8"	8.400	.240
10"	10.500	.300
12"	12.500	.360
15"	15.300	.437
18"	18.701	.536
21"	22.047	.632
24"	24.803	.711

CORRUGATED PIPE AND FITTINGS

SIZE	FIG. NO.
<b>PERFORATED TUBING</b> for foundations & field drainage	
3x100'	41224
3x300'	47666
4x100'	15302
4x250'	15305
6x100'	15307

SIZE	FIG. NO.
<b>NON-PERFORATED TUBING</b> for downspout & root areas. SOLID.	
3x100'	41225
3x300'	47667
4x100'	15299
4x250'	15303
6x100'	15306
8x20	20830
10x20	26455
12x20	26456

SIZE	FIG. NO.
<b>CORRUGATED 90° ELL</b>	
4	15309

SIZE	FIG. NO.
<b>CORRUGATED SNAP TEE</b>	
4	15310
6	38614

SIZE	FIG. NO.
<b>CORRUGATED DOWNSPOUT ADAPTER</b>	
4	26336

SIZE	FIG. NO.
<b>CORRUGATED SPLIT END CAP</b>	
4	15308
6	38613

SIZE	FIG. NO.
<b>CORRUGATED SPLIT COUPLING</b>	
4	15312
6	38616

SIZE	FIG. NO.
<b>CORRUGATED 45° "Y"</b>	
4	15311
6	38615



VALVE BOXES AND ENCLOSURES

FIG. NO.	PRICE
<b>ECONOMY TURF BOX</b>	
15833	

FIG. NO.	PRICE
<b>PVC EXTENSION CURB BOX 30X48</b>	
15828	



**CALL DUFF FIRST FOR ALL YOUR IRRIGATION NEEDS!**  
610-275-4453

FIG. NO.	PRICE
<b>12" STANDARD METER BOX WITH LID</b>	
15832	

FIG. NO.	PRICE
<b>6" STANDARD METER BOX EXTENSION</b>	
48997	

FIG. NO.	PRICE
<b>12" JUMBO METER BOX WITH LID</b>	
15832	

FIG. NO.	PRICE
<b>6" JUMBO METER BOX EXTENSION</b>	
48992	

FIG. NO.	PRICE
<b>10" CIRCULAR BOX WITH LID</b>	
15830	



## SURFACE DRAIN PRODUCTS

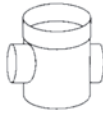
### SPEE-D BASINS AND GRATES

Catch basins have a sump area that collects debris, preventing clogging of the pipeline. Grates are available in a variety of colors to blend in with surrounding surfaces. Depending on the size of the round, square or atrium grates, they may fit directly into riser of pipe, sewer and drain fitting or our catch basins. (Refer to our catalog for the size of pipe, fittings or catch basins that each grate fits.) Popular applications for our grates include:

- Round grates for landscaping
- Square grates for brick, masonry, concrete, asphalt applications
- Atrium grates for landscaping, window wells or where a flat grate may clog with leaves or mulch.

#### SPEE-D-BASIN

Single Outlet	101-Black
Double Outlet	201-Black
Double 90° Outlet	250-Black
3 Way Outlet *	300-Black
4 Way Outlet *	350-Black



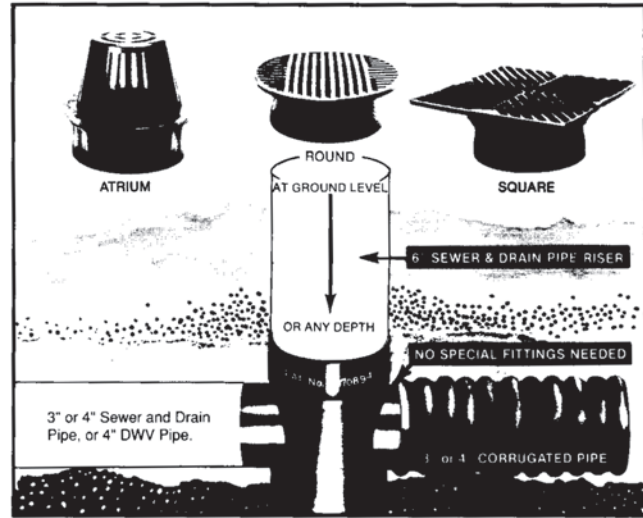
#101, #201 Outlets fit 3" or 4" Sewer and Drain Pipe, 3" or 4" Corrugated Pipe, or 4" DWV Pipe.

#250, #300, #350 Outlets fit 4" Sewer and Drain Pipe, 3" or 4" Corrugated Pipe, or 4" DWV Pipe

\* Also Fits 4" Sewer and Drain Fittings.

#### ROUND GRATES

<b>10"</b>	10" Grate Fits	1040-Black
<b>ROUND</b>	8" Sewer and Drain Fittings	1050-Green
	8" Corrugated Pipe	1060-Grey
	8" Sewer and Drain Pipe	
<b>8"</b>	8" Grate Fits SPEE-D Basin	10-Black
<b>ROUND</b>	6" Sewer and Drain Fittings	20-Green
	6" Corrugated Pipe	30-Grey
	6" Sewer and Drain Pipe	
<b>6"</b>	6" Grate Fits SPEE-D Basin	40-Black
<b>ROUND</b>	6" Sewer and Drain Fittings	50-Green
	6" Corrugated Pipe	60-Grey
	6" Sewer and Drain Pipe	
<b>4"</b>	4" Grate Fits	11-Black
<b>ROUND</b>	4" Sewer and Drain Fittings	12-Grey
	4" Corrugated Pipe	13-Green
	4" Sewer and Drain Pipe	
<b>3"</b>	3" Grate Fits	14-Black
<b>ROUND</b>	3" Sewer and Drain Fittings	15-Grey
	3" Corrugated Pipe	16-Green
	3" Sewer and Drain Pipe	



#### SQUARE GRATES

<b>9"</b>	9" Fits 6" SPEE-D Basin	950-Green
<b>SQUARE</b>	6" Sewer and Drain Pipe	960-Grey
	6" Sewer and Drain Fittings	970-Black
	6" Corrugated Pipe	
<b>8"</b>	8" Fits 6" SPEE-D Basin	881-Black
<b>SQUARE</b>	6" Sewer and Drain Pipe	882-Green
	6" Sewer and Drain Fittings	883-Grey
	6" Corrugated Pipe	
<b>7"</b>	7" Fits 6" SPEE-D Basin	771-Black
<b>SQUARE</b>	6" Sewer and Drain Pipe	772-Green
	6" Sewer and Drain Fittings	773-Grey
	6" Corrugated Pipe	
<b>6"</b>	6" Fits 3" or 4" Sewer and Drain	04-Black
<b>SQUARE</b>	Pipe, 2" SCH. 40 Couplings	05-Green
	and 3" or 4" Corrugated Pipe	06-Grey
<b>5"</b>	5" Fits 4" Sewer and Drain	07-Green
<b>SQUARE</b>	Fittings, 4" Corrugated Pipe	08-Black
	and 4" Sewer and Drain Pipe	09-Grey
<b>4"</b>	4" Fits 3" Sewer and Drain	01-Green
<b>SQUARE</b>	Fittings, 3" Corrugated Pipe	02-Black
	and 3" Sewer and Drain Pipe	03-Grey



#### ATRIUM GRATES

<b>6"</b>	6" Grate Fits	80-Green
<b>ATRIUM</b>	SPEE-D Catch Basin	90-Black
	6" Sewer and Drain Fittings	
	6" Corrugated and	
	Sewer and Drain Pipe	
<b>4"</b>	4" Grate Fits	75-Green
<b>ATRIUM</b>	4" Sewer and Drain Fittings,	78-Black
	Couplings, Corrugated Pipe	
	and Sewer and Drain Pipe	
<b>3"</b>	3" Grate Fits	70-Green
<b>ATRIUM</b>	3" Sewer and Drain Fittings,	74-Black
	Corrugated Pipe and Sewer	
	and Drain Pipe	
<b>2"</b>	2" Fits Schedule	270-White Only
<b>ATRIUM</b>		



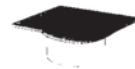
## BRASS GRATES

### BRASS GRATES

3" Satin Brass Grate, Round	909B
4" Satin Brass Grate, Round	910B
5" Satin Brass Grate, Square	913B

### POLISHED BRASS GRATES

3" Polished Brass Grate, Round	905PB
4" Polished Brass Grate, Round	906PB
5" Polished Brass Grate Square	914PB



### 6" SQUARE BRASS GRATE

6" Satin Brass Grate, Square 920

### MINI CHANNEL BRASS GRATE

1' Satin Brass Grate	552B
1' Polished Brass Grate	553PB



SURFACE DRAIN PRODUCTS (CONT'D)



**NDS**<sup>™</sup>  
WE PUT WATER IN ITS PLACE

BASINS, ADAPTERS, GRATES, VALVE BOXES

**9" X 9" and 12" X 12" GRATES**



9" and 12" GRATE

980	9" Square Grate	Black
990	9" Square Grate	Green
999	9" Square Grate	Grey
1210	12" Square Grate	Grey
1211	12" Square Grate	Black
1212	12" Square Grate	Green

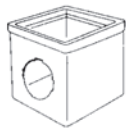
**12" X 12" ATRIUM GRATES**



12" X 12" ATRIUM

1280	12" Atrium Grate	Green
1290	12" Atrium Grate	Black

**9" X 9" and 12" X 12" CATCH BASINS**



9" and 12" BASIN

900	9" Basin Two Opening *	Black
900-4	9" Basin Four Opening *	Black
1200	12" Basin Two Opening *	Black
1203	12" Basin Three Opening *	Black
1204	12" Basin Four Opening *	Black

(\* Requires Either 1206, 1243 or 1266 for each Opening.)

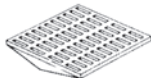
**9" X 9" and 12" X 12" ADAPTERS**



9" and 12" ADAPTERS

930	9" X 9" Square Fits Corrugated and Sewer and Drain Pipe. (Requires Either 1243 or 1266.)	Black
1230	12" Square Fits Corrugated Pipe and Sewer and Drain Pipe. (Requires 1243 or 1266)	Black

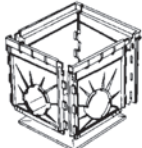
**18" X 18" GRATES**



18" X 18" GRATE

1810	18" Square Grate	Black
1811	18" Square Grate	Black
1812	18" Square Grate	Black

**18" X 18" CATCH BASINS**



18" X 18" BASIN

1800	18" Basin Two Opening*	Black
1804	18" Basin Four Opening*	Black

\* Includes Four Sides with Reducer Rings and One Bottom. (Requires Outlets.)

**18" X 18" ADAPTERS**



18" ADAPTERS

1830	18" X 18" Square Fits 3", 4", 6" or 8" Corrugated or Sewer and Drain Pipe Includes 1890 Reducer Ring (Requires 1243, 1244, 1266, or 1888.)	Black
------	--------------------------------------------------------------------------------------------------------------------------------------------------------	-------



12" X 12" X 8"  
SQUARE ADAPTER

1221	12" Square X 8" Sewer and Drain Hub Adapter	Black
------	------------------------------------------------	-------



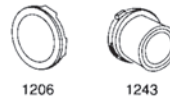
9" and 12"  
RISER EXTENSION

1222	12" Square X 8" Corrugated Pipe SPG. Adapter	Black
------	-------------------------------------------------	-------

**9" and 12" RISER EXTENSIONS**

916	6" Extension Fits 9" Catch Basin and Adapter	Black
1216	6" Extension Fits 12" Catch Basin and Adapter	Black

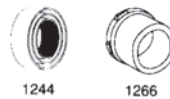
**UNIVERSAL OUTLETS**



1206

1243

1206	Plug	Black
1243	Combination 4" X 3" Outlet Fits 4" and 3" Corrugated Pipe and 4" Sewer and Drain Pipe	Black



1244  
3" & 4"

1266

1244	Combination Outlet Fits 3" and 4" Sewer and Drain Pipe and 3" and 4" Corrugated Pipe	Black
1266	6" Outlet Fits 6" Sewer and Drain Pipe and 6" Corrugated Pipe	Black

(Use Universal Outlets with 9" X 9",  
12" X 12" and 18" X 18" Catch Basins  
and Adapters)

**DUFF**  
**TIP:**

**DUFF CAN DESIGN  
AND/OR SUPPLY  
ANY TYPE OF  
IRRIGATION  
SYSTEM OR  
EQUIPMENT!**

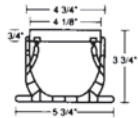


## SURFACE DRAIN PRODUCTS (CONT'D)

### CHANNEL DRAINAGE PRODUCTS AND FITTINGS



#### SPEE-D CHANNEL DRAIN



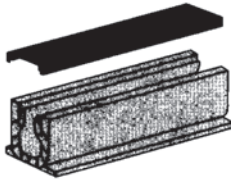
531-Brick Red

**400**  
4' Channel Drain  
Grey

**400-10**  
10' Channel Drain  
Grey

**229**  
Screws Stainless Steel,  
Type "A" F.H. #8 X 1"

**CHANNEL SPECIFICATIONS**  
Material - High Impact P.V.C.  
with 2% UV Inhibitors



2' Channel Grate

**240**-White  
**241**-Grey  
**242**-Green  
**243**-Black  
**244**-Sand

**GRATE SPECIFICATIONS**  
Material - High Density  
Polyethylene



Channel Coupling  
**248**-Grey



Strainer Coupling  
**245**-Grey



Channel End Cap  
**247**-Grey



3" S & D  
Spigot Adapter  
**249**-Grey



2" Schedule 40  
Spigot Adapter  
**246**-Grey



9" Long Fabricated  
Cross and Grate  
**2360**-White  
**2361**-Grey  
**2362**-Green  
**2363**-Black  
**2364**-Sand  
**2365**-Brick Red



7" Long Fabricated Tee  
and Grate  
**2370**-White  
**2371**-Grey  
**2372**-Green  
**2373**-Black  
**2374**-Sand  
**2375** Brick Red



7" Long Fabricated 90°  
??? and Grate  
**2380**-White  
**2381**-Grey  
**2382**-Green  
**2383**-Black  
**2384**-Sand  
**2385**-Brick Red

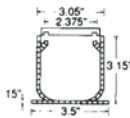


7" Long Fabricated 45°  
and Grate  
**2300**-White  
**2301**-Grey  
**2302**-Green  
**2303**-Black  
**2304**-Sand  
**2305**-Brick Red



2" Long Fabricated  
3" & 4" Spigot Bottom  
Outlet with Strainer  
**234**-Grey  
Fits 3" or 4" Sewer and  
Drain Fittings. (Grate Not  
Included.)

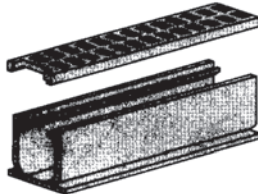
#### MINI SPEE-D CHANNEL DRAIN



**500**  
6' Foot Mini  
Snap-On Channel  
Grey

**529**  
Screws Stainless Steel  
Type FA - 1/4" x 3/4"

**CHANNEL SPECIFICATIONS**  
Material - High Impact P.V.C.  
with 2% UV Inhibitors



3' Channel Grate

**540** White  
**541**-Grey  
**542**-Green  
**543**-Black  
**544**-Sand  
**551**-Brick Red

1' Brass Channel Grate

**552B**-Satin Brass  
**553PB**-Polished Brass

**GRATE SPECIFICATIONS**  
Material - High Density  
Polyethylene or Solid Brass



Channel Coupling  
**548**-Grey



Channel End Cap  
**547**-Grey



2" Schedule 40  
Spigot Adapter  
**546**-Grey



2" Schedule 40  
Hub to 3" S&D  
Spigot Adapter  
**542**-White



2" Schedule 40  
Hub to 4" S&D  
Spigot Adapter  
**533**-White



2" Schedule 40  
Spigot Adapter Bottom  
Outlet 3' Long  
**550**-White  
Grate Not Included



4" Long Fabricated Tee  
and Grate  
**5370**-Grey  
**5371**-Green  
**5372**-Black  
**5373**-Sand  
**5374**-Brick Red

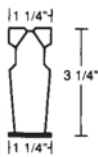


4" Long Fabricated 90°  
and Grate  
**5380**-Grey  
**5381**-Green  
**5382**-Black  
**5383**-Sand  
**5384**-Brick Red



4" Long Fabricated 45°  
and Grate  
**5300**-Grey  
**5301**-Green  
**5302**-Black  
**5303**-Sand  
**5304**-Brick Red

#### MICRO CHANNEL



10' Long Micro Channel  
Includes Couplings

**8001**-White  
**8002**-Sand  
**8003**-Grey

**SPECIFICATIONS**  
Channel length - 10 feet  
Material - High Impact P.V.C.  
with 2% UV Inhibitors



Micro Hold Down Clips  
**8601**-White Only



Micro End Plug  
**8471**-White



Micro 1 1/2" Spigot  
Schedule 40 End Outlet  
**8461**-White



Micro Coupling  
Fits Into Micro  
Channel  
**8481**-White



Micro Tee  
**8371**-White  
**8372**-Sand  
**8373**-Grey



Micro 1 1/2" Spigot  
Schedule 40  
Bottom Outlet  
**8501**-White  
**8502**-Sand  
**8503**-Grey



Micro 1 1/2" Spigot  
Schedule 40 Side  
Outlet  
**8511**-White  
**8512**-Sand  
**8513**-Grey



Micro Clean Out  
**8651**-White  
**8652**-Sand  
**8653**-Grey



Micro 45°  
**8301**-White  
**8302**-Sand  
**8303**-Grey



Micro 90°  
**8381**-White  
**8382**-Sand  
**8383**-Grey

**CALL DUFF NOW FOR PRICING AND AVAILABILITY!**

**610-275-4453**

**OR FAX US AT**

**610-279-6299**

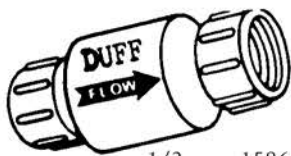
PLASTIC VALVES

**SIZE FIG. NO. PRICE**  
 COMPRESSION PVC SWING CHECK VALVE



1 1/4	15891
1 1/2	15893
2	15895
3	15897
1 1/4 X 1 1/2	15900

POPPET PVC CHECK VALVES FIPT X FIPT



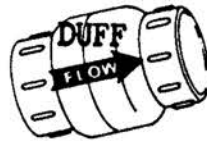
1/2	15868
3/4	15869
1	15870
1 1/4	15871
1 1/2	15872
2	15874

PLASTIC HANGER



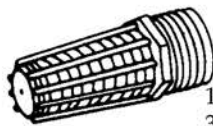
100' 15991

**SIZE FIG. NO. PRICE**  
 SOLVENT WELD HUB X HUB SWING CHECK VALVE



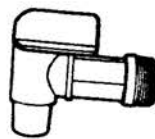
1 1/2	15918
2	15920
3	15923
4	15925

FOOT VALVE SCREEN



1/2	15903
3/4	15905
1	15907
1-1/4	15909
1-1/2	15912
2	15914

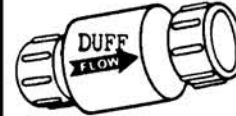
POLYETHYLENE DRUM & BARREL FAUCETS



Strong polyethylene construction with excellent chemical resistance properties. Use with water and approved chemicals.

3/4	18962
-----	-------

**SIZE FIG. NO. PRICE**  
 POPPET CHECK VALVE SOLVENT WELD



1/2	15876
3/4	15879
1	15882
1 1/4	15884
1 1/2	15886
2	15888

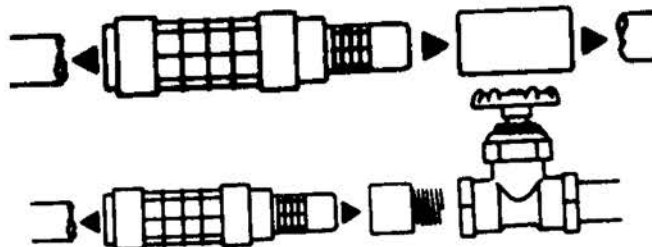
PVC COMPRESSION COUPLING



Will fit any Schedule 40 or Schedule 80 Pipe.

3/4	15929
1	15931
1 1/4	15932
1 1/2	15933
2	15934
2 1/2	15935
3	15936
4	15937
6	15938

QUICK FIX REPAIR COUPLING TO REPAIR BREAK, ADD A LINE, ADD A VALVE



Schedule 40, 150# PSI, long extension, union connection, Slip X Spigot

SIZE	FIG. NO.	PRICE	SIZE	FIG. NO.	PRICE
1/2	63684		2	63688	
3/4	63685		2 1/2	63799	
1	63690		3	63800	
1 1/4	63686		4	63801	
1 1/2	63687				

PLASTIC SADDLE ASSEMBLY



**PIPE SIZE FEM THREAD FIG. NO. PRICE**  
 OUTLET

3/4	1/2	PST34X12	
3/4	3/4	PST34X34	
1	1/2	PST1X12	
1	3/4	PST1X34	
1 1/4	1/2	PST114X12	
1 1/4	3/4	PST114X34	
1 1/2	1/2	PST112X12	
1 1/2	3/4	PST112X34	
2	1/2	PST2X12	
2	3/4	PST2X34	



## PLASTIC VALVES CONT'D

### TRUE UNION BALL VALVES



Hayward  
Asahi  
Chemtrol  
Socket and threaded  
Flanged valves also in stock

PVC		
SIZE	FIG. NO.	PRICE
1/4	11763	
3/8	11786	
1/2	46981	
3/4	11754	
1	11756	
1 1/4	11758	
1 1/2	11760	
2	11762	
2 1/2	17721	
3	17722	
4	17723	

CPVC		
SIZE	FIG. NO.	PRICE
1/2	36765	
3/4	36766	
1	36767	
1 1/4	36768	
1 1/2	36769	
2	36770	

### PVC BUTTERFLY VALVES



150 PSI rated valve  
Meets face to face industry standards  
Will replace most metal valve  
Lock out handle to lock valve  
in one of seven positions  
Sizes available up to 24"

SIZE	FIG. NO.	PRICE
2	30010	
3	30011	
4	30013	
6	30015	
8	30016	

### PVC BALL CHECK VALVES



Seats with minimum back pressure  
Free floating ball never seats in same position twice  
Horizontal or vertical installation

Sizes up to 6" available  
Easily converted to foot valve  
Full port

SIZE	FIG. NO.	PRICE
1/2	12005	
3/4	12007	
1	12014	
1 1/4	12017	
1 1/2	12020	
2	12021	
3	12024	
4	12025	

### HAYWARD TXT NEEDLE VALVE



**Available for Quick-Ship!**

# DUFF DIFFERS

### PVC COMPACT BALL VALVES



THD X THD		
SIZE	FIG. NO.	PRICE
1/2	11873	
3/4	11877	
1	11879	
1 1/4	11882	
1 1/2	11886	
2	11889	

SLIP X SLIP		
SIZE	FIG. NO.	PRICE
1/2	11856	
3/4	11859	
1	11860	
1 1/4	11862	
1 1/2	11864	
2	11866	
2 1/2	44481	
3	11869	
4	25121	

### GATE VALVES

Sizes 1 1/2" thru 8" available for quick shipment  
PVC or PVDF

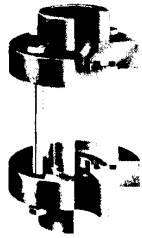


### HORIZONTAL SWING CHECK VALVES

Sizes 3/4" thru 8" available for quick shipment

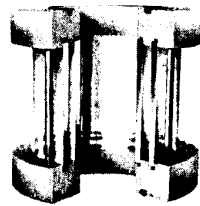


**All readily available!**



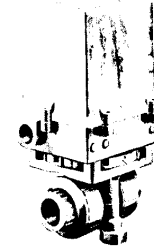
**SERIES "GX" & "GY"  
SIGHT GLASS  
FLOW INDICATORS**

For safe, positive indication of flow and clarity of corrosive or ultra-pure liquids. Available with vinyl streamers to help detect flow. Series "GX" has only an acrylic cylinder wall for economy. Series "GY" has an acrylic outer cylinder protecting a Pyrex inner cylinder. Sizes 1/2" to 3" NPT.



**SERIES "GYW"  
WAFER SIGHT GLASSES**

Offers safe and positive indication of flow or clarity of corrosive or ultra-pure liquids in larger piping systems. Double wall construction. Fits between standard companion flanges. Sizes 1-1/2" to 8" pipe.



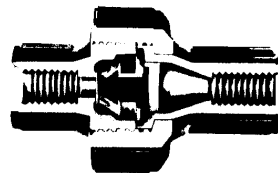
**TRUE-BLUE™  
SERIES "EBV" 2-WAY & "TEBV" 3-WAY  
ELECTRICALLY ACTUATED BALL VALVES**

Thermally protected, heavy-duty motor with 7 second cycle time. Designed to meet NEMA IV standards. Rugged all plastic construction - ideal for corrosive atmospheres. For use with computer-controlled automated systems. Compact design with manual over-ride. Position and motor running lights. Simple attachment to the valve body mounting lugs. Two actuator sizes for the valve range of 1/2" through 2".



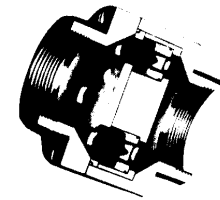
**SERIES "VBM" & "VB"  
VACUUM BREAKERS**

Protective vacuum breakers eliminate unwanted siphonage or collapsing of storage tanks. Sensitive molded diaphragm offers normally closed operation and will respond to a minimum of vacuum; however, they are not recommended for protection of thin-wall tanks. Sizes 1/2", 3/4" and 1" NPT.



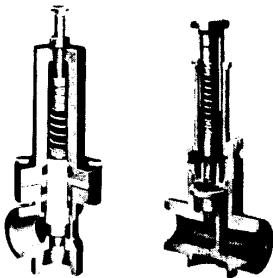
**SERIES "CKM" & "CK"  
DIAPHRAGM CHECK VALVES**

Leak-proof check valves prevent reverse flow of extremely corrosive and ultra-pure liquids. Self-sealing design allows mounting in any position. Unique molded diaphragm offers you normally closed operation, operates silently, and seals in the same location every time. Size 1/2", 3/4" and 1". Also our CKD series with very sensitive opening is available 1/4" and 1/2".



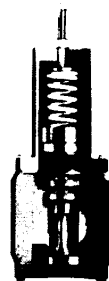
**SERIES "FC"  
FLOW CONTROL VALVES**

Automatic valves to maintain a constant flow regardless of inlet pressure changes between 15 and 100 PSI. No metal in contact with liquid. Flow rates from 1/4 to 120 GPM. Sizes 1/4" to 3".



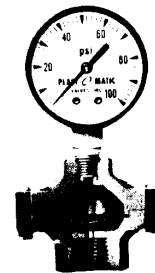
**SERIES "RVT" & "RVDM"  
ANGLE PATTERN & IN-LINE RELIEF VALVES**

Prevent overpressures, maintain back pressures or automatic by-pass in vessels and piping. Series RVT angle pattern has non sticking Teflon® shaft. Series RVDM in-line pattern has a frictionless rolling diaphragm design for sensitive operation. Settings from 5 to 100 PSI. FAIL-DRY®, 1/2"-2". Series RVD angle pattern diaphragm design (not shown) 1/8"-1/2" NPT, 5 to 150 PSI.



**SERIES "PR" AND "PRH"  
PRESSURE REGULATING VALVES**

Accurately reduce and regulate steady or varying inlet pressures and maintain a constant predetermined outlet set pressure. Regulator settings from 5 to 75 PSI. Sizes 1/4" to 3". Higher set pressures available.



**SERIES "GGM"  
CHEMICAL GAUGE GUARDS**

Protects instruments from corrosion and clogging while maintaining high accuracy. Unique optional "Snubber" insert reduces pressure pulsations, provides even, more precise readings and reduces needle-fluctuation damage. Available with or without pressure or vacuum gauges. Inlet 1/2". Gauge connection 1/4" or 1/2".

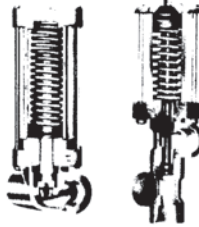
## All readily available!

**NEW!**



**SERIES "GGME"  
MINIATURE DIAPHRAGM SEAL  
GAUGE GUARD**

Compact size - ideal for small applications. Low cost - now feasible to protect lower priced pressure and vacuum instruments from clogging and corrosion. Molded glass filled polypropylene body - for excellent chemical compatibility and avoiding possibility of leaks. ±4% accuracy handles most applications. 1/4" FPT x 1/2" MPT.




**SERIES "EST"  
SHUTOFF VALVES AND  
SERIES "F" DIVERTER VALVES  
AUTOMATIC, AIR OPERATED**

Shutoff valves (2-Way) normally closed or normally open, air by air, line pressure by air operation. Diverter valves (3-Way) direct flow. One (or two) common inlet(s) to two (or one) common outlet(s). FAIL-DRY® design and clear acrylic air cylinder shows valve position, standard on all. Sizes 1/2" through 2".



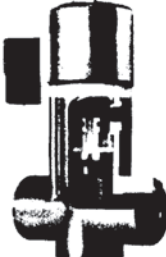
**SERIES "KST", "VSTS" & "LST"  
LINE BASKET STRAINERS**

Protects equipment by removing solids and foreign materials from liquid lines. Safer and easier to use than Y-strainers. Sturdy construction large capacity, high performance corrosion resistant. Sizes 2" to 14". PVC CPVC (CORZAN™) & Polypro.




**SERIES "BSD"  
MINIATURE AIR OPERATED  
DIAPHRAGM VALVE**

Long cycle life and compact design. Excellent for ultra-high purity or highly corrosive liquids. Body is PVDF (other materials also available) with a Teflon diaphragm. Million-cycle design. Connections can be female socket, female threads, or nipples. Smooth internal cavities to avoid dead corners. Sizes 1/4" - 1", 1/8" NPT air connection. Standard is normally closed spring return.



**SERIES "EASMT" & "EASYMT"  
DIRECT OPERATING-NORMALLY CLOSED  
TEFLON® BELLOWS SOLENOID VALVE**

For severe service applications with virtually all solutions (acids, caustics, etc.). Unique "Bellows" design provides dynamic barrier seal, prevents leaking of emissions. 2,000,000 cycle life. Fail-Dry safety design. Sizes 1/8" to 1". C<sub>v</sub> from 1.1 to 4.7, orifice from 3/8" to 11/16".



**SERIES "EASMD" & "EASYMD"  
DIRECT OPERATING  
DIAPHRAGM SOLENOID VALVES**

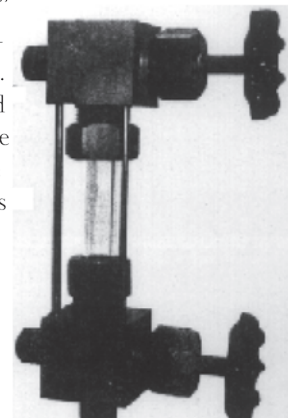
Has rolling diaphragm and FAIL-DRY® concept for normally closed on-off services of caustics and salt solutions to eliminate crystallization problems. Does not require pressure to operate. Orifice diameters from 7/16 to 11/16. Available in pipe sizes 1/4", 1/2", 3/4" & 1".

### LIQUID LEVEL GAUGE PVC

All parts coming in contact with liquid made are made of PVC. PVC has greater resistance to corrosive environments and solutions than many other materials. This gage can be used in place of stainless steel and monel.

To determine length of glass and rods: Glass 2" shorter than centers. Rods 1 1/4" shorter than centers. Can be furnished with or without ball check. Furnished without check unless specified. Glass and Guard Rods: Valves are equipped to accommodate four 3/16" diameter guard rods. Unless otherwise specified, gages will be furnished with glass and rods for 18" centers.

3/4" AND 1/2" AVAILABLE!



CPVC TUBE SIZE  
TUBE & FITTINGS

	SIZE	FIG. NO.	PRICE
--	------	----------	-------

CTS TEE (SXS)



1/2	11900
3/4	11912

CTS 90° ELL (SXS)



1/2	11772
3/4	11790

CTS STREET ELL (SXST)



1/2	12002
3/4	12013

CTS DROP EAR ELL (FPTXS)



1/2	11798
-----	-------

CTSC 45° ELL (SXS)



1/2	11809
3/4	11826

CTS ADAPTER (PVCXCPVC)



3/4	49378
-----	-------

CTS COUPLING (SXS)



1/2	11734
3/4	11743
3/4X1/2	19424

CTS MALE ADAPTER (MPTXS)



1/2	11848
3/4	11858

CTS FEMALE ADAPTER W/ SEAL (SXFPT)



1/2	11871
3/4	11888

CTS REDUCER BUSHING (SPGXS)



3/4X1/2	11945
---------	-------

CTS CAP (S)



1/2	11724
3/4	11728

	SIZE	FIG. NO.	PRICE
--	------	----------	-------

CTS TRANSITION TAILPIECE (SPG)



1/2	11752
3/4	11764

HANGER



1/2	11954
3/4	11965

RISER ADAPTER (SPTXS)



1/2 slip x	63320
3/8 OD	

**CPVC VALVES**

LINE STOP CPVC X CPVC



1/2	42452
3/4	42453

BOILER DRAIN CPVC X MALE HOSE



1/2	11964
3/4	11967

BALL VALVE CPVCXCPVC



1/2	38680
3/4	38681

SUPPLY STOP-ANGLE CPVCXOD



1/2X3/8	PR19C
---------	-------

SUPPLY STOP-STRAIGHT CPVCXOD



1/2X3/8	PR14C
---------	-------

CPVC CTS COMPRESSION COUPLING



1/2	11976
3/4	11989

CPVC TUBING



SIZE	FIG. NO.
10' LENGTHS	
1/2"	11718
3/4"	11721
1"	55851

FOR A  
COMPLETE LISTING  
OF SOLVENTS,  
PLEASE SEE  
PAGE 608



PLASTIC SUPPLY LAV TUBE



3/8X12	10943
3/8X20	10946

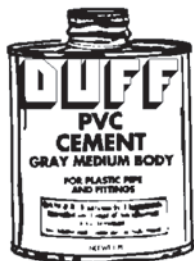
PLASTIC SUPPLY CLOSET TUBE



3/8X12	10958
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## PVC CEMENT



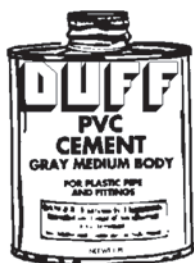
**PVC CEMENT**  
CLEAR MEDIUM BODY FOR UP TO  
2" PIPE

SIZE	FIG. NO.	PRICE
1/4 PT	15154	
1/2 PT	15155	
PINT	15156	
QUART	15157	
GAL	15158	



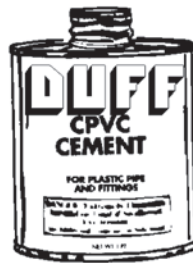
**ALL PURPOSE  
CEMENT**

SIZE	FIG. NO.	PRICE
1/4 PT	15169	
1/2 PT	15170	
PINT	15171	
QUART	15172	



**HEAVY DUTY  
GRAY  
MEDIUM BODY  
PVC CEMENT  
FOR LARGER SIZE PIPE**

SIZE	FIG. NO.	PRICE
1/2 PT	15160	
PINT	15161	
QUART	15162	



**CPVC CEMENT FOR TUBING**

SIZE	FIG. NO.	PRICE
1/4 PT	15164	
1/2 PT	15165	
PINT	15166	

**CPVC CEMENT FOR PIPE**

SIZE	FIG. NO.	PRICE
QUART	48747	



**COLD WEATHER  
PVC CEMENT**

SIZE	FIG. NO.	PRICE
PINT	15190	
QUART	15191	



**PVC POOL CEMENT BLUE  
FOR WET LOCATIONS**

SIZE	FIG. NO.	PRICE
QUART	50530	



**CLEAR PRIMER**

SIZE	FIG. NO.	PRICE
1/4 PT	75813	
PINT	75815	
QUART	75816	
GAL	15189	



**PURPLE PRIMER**

SIZE	FIG. NO.	PRICE
1/4 PT	15179	
1/2 PT	15180	
PINT	15181	
QUART	15183	

# PVC PIPE

## ENGINEERING DATA

### Pressure/Temperature Relationship

MAXIMUM OPERATING PRESSURE — PSI (WATER @ 73°F)

Nominal Pipe Size (IPS)	Schedule 40 PVC and CPVC	Schedule 80 PVC			Schedule 80 CPVC	SDR Pressure Rated Pipe <sup>4</sup> PVC Plain and Belled End		
	Plain & Belled <sup>1</sup>	Plain End	Threaded <sup>2</sup>	Roll Grooved	Plain End <sup>3</sup>	SDR 26	SDR 21	SDR 13.5
1/4"	NA	1130	NA	NA	NA	NA	NA	NA
1/2"	600	850	420	NA	850	NA	NA	315
3/4"	480	690	340	NA	690	NA	200	—
1"	450	630	320	NA	630	NA	200	—
1 1/4"	370	520	260	NA	520	160	200	—
1 1/2"	330	470	240	NA	470	160	200	—
2"	280	400	200	400	400	160	200	—
2 1/2"	300	420	210	420	420	160	200	—
3"	260	370	190	370	370	160	200	—
4"	220	320	160	320	320	160	200	—
5"	190	290	NR	290	290	160	200	—
6"	180	280	NR	280	280	160	200	—
8"	160	250	NR	250	250	160	200	—
10"	140	230	NR	230	230	160	200	—
12"	130	230	NR	230	230	160	200	—
14"	130	220	NR	220	NA	160	200	—
16"	130	220	NR	220	NA	160	200	—

(NR-Not Recommended)  
(NA-Not Available)

1. Threading Schedule 40 and SDR/PR pipe is not recommended.
2. Threading Schedule 80 pipe above 4" is not recommended.

3. CPVC threaded connections should be avoided when possible at elevated temperatures and pressures. (Consult factory.)

4. Standard dimensional ratio pipe (SDR) will carry the same pressure rating for all diameters according to the SDR number.

The operating pressures listed above are based on the hydrostatic design of the product using water as a test medium at 73°F. Compounding nomenclature for Eslon PVC is PVC 1120 with a cell class of 12454-B. For Eslon CPVC pipe it is CPVC 4120 with a cell class of 23447-A.

For schedule-rated products and SDR/PR pipe, the following equation was used to determine operating pressures for outside diameter controlled pipe:

$$P = \frac{2ST}{D - T}$$

Where: P = pressure (PSI)  
D = average outside diameter  
T = minimum wall thickness  
S = hydrostatic design stress (HDS)  
for Eslon PVC Type I, Grade 1,  
HDS = 2,000 PSI  
Eslon CPVC also = 2,000 PSI

The following temperature corrections must be used to derate all PVC and CPVC pipe, valves and fittings when operating temperatures are expected to exceed 73°F.

The working pressure of PVC and CPVC pipe is directly affected by temperature changes. When the operating temperature of the pipe increases, the pipe loses its stiffness and tensile strength decreases. A drop in pressure capacity results. The drop can be calculated using this chart. Multiply the pipe's maximum working pressure by the temperature correction factor for a known temperature.

**Example:** For 2" Schedule 80 PVC pipe, the maximum working pressure is 400 psi. If the operating temperature is known to be 110°F, the correction factor can be found on the chart to be 0.50. The adjusted pressure would then be 400 x 0.50 = 200 psi.

### TEMPERATURE CORRECTION FACTORS

Operating Temperature (°F)	70	80	90	100	110	115	120	125	130	140	150	160	170	180	200
PVC 1120	1.00	.88	.75	.62	.50	.45	.40	.35	.30	.22	Not Recommended				
CPVC 4120	1.00	1.00	.91	.82	.77	.74	.65	.66	.62	.50	.47	.40	.32	.25	.20

CAUTION: Eslon Thermoplastics does not recommend its products for use in air or compressed gas systems.

## PVC Type I Pressure Rated Pipe

FOR WATER MAINS, IRRIGATION, ETC.

SDR 26 NSF — W.P. 160 PSI (Water @ 73.4° F.)

SDR 21 NSF — W.P. 200 PSI (Water @ 73.4° F.)

Nominal Pipe Size (in.)	O.D.	Min. Wall	Average I.D.	Nominal Weight per ft.
1/2	See SDR 13.5			
3/4	See SDR 21			
1	1.315	.060	1.175	.164
1-1/4	1.660	.064	1.512	.221
1-1/2	1.900	.073	1.734	.284
2	2.375	.091	2.173	.432
2-1/2	2.875	.110	2.635	.622
3	3.500	.135	3.210	.915
3-1/2	4.000	.154	3.672	1.183
4	4.500	.173	4.134	1.494
5	5.563	.214	5.109	2.288
6	6.625	.255	6.085	3.228
8	8.625	.332	7.921	5.468
10	10.750	.413	9.874	8.492
12	12.750	.490	11.710	11.956

Nominal Pipe Size (in.)	O.D.	Min. Wall	Average I.D.	Nominal Weight per ft.
1/2	See SDR 13.5			
3/4	1.050	.060	.910	.129
1	1.315	.063	1.169	.170
1-1/4	1.660	.079	1.482	.263
1-1/2	1.900	.090	1.700	.339
2	2.375	.113	2.129	.521
2-1/2	2.875	.137	2.581	.754
3	3.500	.167	3.146	1.106
3-1/2	4.000	.190	3.596	1.443
4	4.500	.214	4.046	1.825
5	5.563	.265	5.001	2.792
6	6.625	.316	5.955	3.964

## POLYETHYLENE PIPE

Coils of super-strong plastic pipe. Flexible and for use in potable water systems, including for water wells. Custom lengths of coils available for special order.



Fig. No.	Pipe Size x Length (feet) 160 PSI
15407	3/4 x 125# x 100'
81685	3/4 x 125# x 200'
8168	3/4 x 125# x 300'
15048	3/4 x 125# x 400'
15399	1 x 125# x 100'
15400	1 x 125# x 300'
15411	1-1/4 x 125# x 100'
15412	1-1/4 x 125# x 300'
15403	1-1/2 x 125# x 100'
15404	1-1/2 x 125# x 250'
15405	2 x 125# x 100'
15406	2 x 125# x 200' 8

Fig. No.	Pipe Size x Length (feet) 160 PSI
47961	1/2 x 160# x 100'
309787	1/2 x 160# x 300'
47962	1/2 x 160# x 400'
15417	3/4 x 160# x 100'
212393	3/4 x 160# x 200'
118892	3/4 x 160# x 300'
15418	3/4 x 160# x 400'
15409	1 x 160# x 100'
47963	1 x 160# x 200'
15410	1 x 160# x 300'
39764	1 x 160# x 400'
32792	1 x 160# x 500'
15421	1-1/4 x 160# x 100'
15422	1-1/4 x 160# x 300'
15423	1-1/2 x 160# x 100'
15424	1-1/2 x 160# x 250'
15425	2 x 160# x 100'
15426	2 x 160# x 200'

Fig. No.	Pipe Size x Length (feet) 200 PSI
212392	3/4 X 200# X 100'
15419	1 x 200# x 100'
15420	1 x 200# x 300'

Fig. No.	Pipe Size x Length (feet) 250 PSI
42763	1 x 250# x 100'
42764	1 x 250# x 300'
212395	1-1/2 x 250# x 300'
135038	2 x 250# x 100'



Fig. No.	Copper Tube Size x Length (feet) 200 PSI
84849	1 x 200# x 100' CTS
212394	1 X 200# X 300' CTS
129368	1-1/4 x 200# x 300' CTS POLY
226870	2 X 200# X 200' CTS

Fig. No.	Macpac x NPT
92810	3/4 MACPAC MALE ADAPTER
92811	1" MACPAC MALE ADAPTER
92812	1-1/4 MACPAC MALE ADAPTER
92813	1-1/2 MACPAC MALE ADAPTER
94425	2" MACPAC MALE ADAPTER

Fig. No.	Macpac x Macpac
51170	3/4 COP MACPAC COUPLING
54117	1" COP MACPAC COUPLING
54118	1-1/4 COP MACPAC COUPLING
54156	1-1/2 COP MACPAC COUPLING
54157	2" COP MACPAC COUPLING

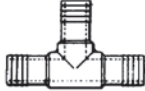
Fig. No.	Copper Tube Size
130409	3/4" MACPAC STIFFENER
99265	1" MACPAC STIFFENER
130411	1-1/4" MACPAC STIFFENER
130412	1-1/2" MACPAC STIFFENER
130414	2" MACPAC STIFFENER

Fig. No.	Macpac Curb Stop Size
143688	3/4" Macpac x Macpac
143689	1" Macpac x Macpac
—	1-1/4" Macpac x Macpac
—	1-1/2" Macpac x Macpac
—	2" Macpac x Macpac

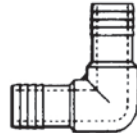
**Call Duff for  
other sizes and  
styles of fittings**




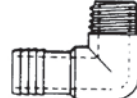
INSERT FITTINGS FOR FLEXIBLE PIPE (NYLON AND PVC)

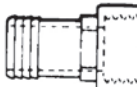
	SIZE	FIG. NO.	PRICE
<b>PVC</b>			
<b>TEE (Insert)</b> 	1/2	10398	
	3/4	10401	
	1	10403	
	1 1/4	10407	
	1 1/2	10410	
	2	10414	
	3	28381	


SEE PUMP SECTION FOR STEEL AND STAINLESS STEEL FITTINGS!

	SIZE	FIG. NO.	PRICE
<b>PVC</b>			
<b>INSERT 90° ELBOW</b> 	1/2	10417	
	3/4	10420	
	1	10426	
	1 1/4	10431	
	1 1/2	10439	
	2	10444	
	3	28436	
<b>NYLON</b>			
	3/4	61795	
	1	55890	
	1 1/4	62273	


	SIZE	FIG. NO.	PRICE
<b>PVC</b>			
<b>COMBO 90° ELBOW FEMALE</b> 	1/2X1/2	10454	
	3/4X3/4	10458	
	1X1/2	38764	
	1X1	10463	
	1 1/4X1 1/4	10471	
	1 1/2X1 1/2	10478	

	SIZE	FIG. NO.	PRICE
<b>PVC</b>			
<b>COMBO 90° ELBOW FEMALE</b> 	1/2	10495	
	3/4	10503	
	1	10511	
	1 1/4	10523	
	1 1/2	10526	
	2	10531	

	SIZE	FIG. NO.	PRICE
<b>PVC</b>			
<b>FEMALE ADAPTER</b> 	1/2	10648	
	3/4	10652	
	1	10656	
	1 1/4	10659	
	1 1/2	10662	
	2	10666	

	SIZE	FIG. NO.	PRICE
<b>PVC</b>			
<b>INSERT COUPLING</b> 	1/2	10534	
	3/4	10541	
	1	10544	
	1 1/4	10550	
	1 1/2	10556	
	2	10563	
	3	26879	
	4	26880	

	SIZE	FIG. NO.	PRICE
<b>NYLON</b>			
	1	55891	
	1 1/4	60424	

	SIZE	FIG. NO.	PRICE
<b>PVC</b>			
<b>MALE ADAPTER (Insert x MIPT)</b> 	1/2	10669	
	3/4	10676	
	1	10682	
	1 1/4	10691	
	1 1/2	10708	
	2	10714	
	3	25903	
4	25917		

	SIZE	FIG. NO.	PRICE
<b>NYLON</b>			
	1	54284	
	1 1/4	62491	



**INDUSTRIAL STAINLESS STEEL CLAMPS**  
POW'R-GEAR Clamps, 60 series - provides the extra muscle you need for your high-torque applications. 150 inch lbs. of torque delivers over 800 lbs. of band tension. 10 to a box.

MIN	MAX	FIG. NO.	PRICE/EA
1 1/4	2 5/8	50729	
2 1/8	4 1/8	50730	
4	6 1/8	50731	
6 1/8	9 1/8	50732	



**LOX-ON** all stainless steel clamp. SIMPLIFY YOUR INVENTORY! ONE SIZE FITS 1/2"-2" PIPE. For Extra tough installations - the pump installers friend. 50 to a box.

FIG. NO.	PRICE/EA
9232	



Micro-clamp, all stainless steel clamp. 10 to a box.

SIZE	FIG. NO.	PRICE
1/4-5/8	9234	
5/16-7/8	9235	

**ALL STAINLESS STEEL CLAMP**

Band and housing of 18-8 and 3/8" hex-head screw made of 400 series stainless. 10 to a box.

SIZE NO.	SIZE RANGE	FIG. NO.	PRICE	SIZE NO.	SIZE RANGE	FIG. NO.	PRICE
08	7/16-1	9212		44	1 5/16-3 1/4	18072	
10	1/2-1 1/16	9214		48	1 5/8-3 1/2	18071	
12	1/2-1 1/4	9216		52	1 7/8-3 3/4	9228	
16	3/4-1 1/2	9218		72	3/8 - 5	9229	
20	3/4-1 3/4	9219		88	4 1/4 - 6	18074	
24	1-2	9220		128	2 1/2 - 8 1/2	16316	
28	1 5/16-2 1/4	9222		164	2 1/2 - 10 3/4	16320	
32	1 9/16-2 1/2	9223		188	2 1/2 - 12	16322	
36	7/8-2 3/4	9226		248	2 1/2 - 16	16324	
40	1 1/8-3	9227					



## PLASTIC HOSE AND TUBING

### CLEAR VINYL TUBING

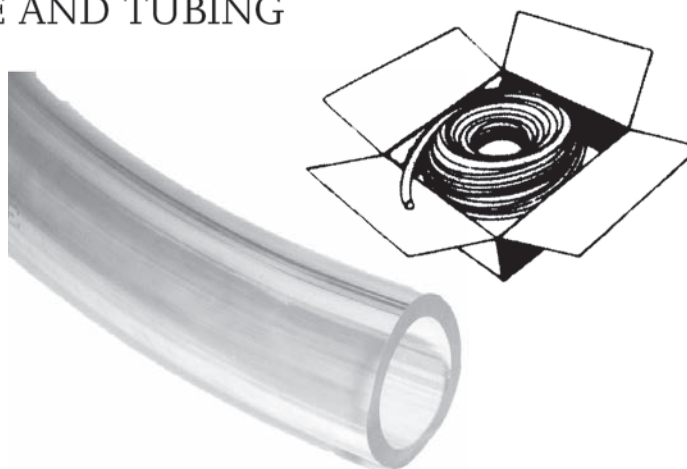
All components of the PVC compound are sanctioned by the US Food and Drug Administration for good packaging applications under Title 21 of the Code of Federal Regulations.

Clear, flexible tubing is suitable for use in low pressure applications including drain lines, laboratory tubing, industrial, chemical and agricultural uses and food and beverages applications.

Has good chemical resistance to alkaline, ammonium compounds, brine, some acids and alcohols.

Temperature range: -5°F to 125°F.

74 74+/- 5 duromet



ID	OD	WALL	W/P 68°F	FIG. NO.	PER FOOT	PER COIL		
					PRICE	Coil Length	FIG. NO.	PRICE
1/8	3/16	1/32	50	11402		100'	17701	
3/16	5/16	1/16	60	11403		100'	17702	
1/4	3/8	1/16	50	11404		100'	17703	
5/16	7/16	1/16	50	11406		100'	17704	
3/8	1/2	1/16	45	11407		100'	17705	
1/2	5/8	1/16	30	11408		100'	17706	
5/8	7/8	1/8	30	11410		100'	17707	
3/4	1	1/8	25	11412		100'	17708	
7/8	1 1/8	1/8	35	38091		100'	51450	
1	1 1/4	1/8	25	11413		100'	17709	
1 1/4	1 5/8	3/16	30	11414		50'	17710	
1 1/2	1 7/8	3/16	30	11416		50'	17711	
2	2 1/2	1/4	30	11417		50'	17712	

### REINFORCED VINYL TUBING



Food Grade

Features clear and flexible non-marking cover made with compounds shown on approved list.

Uses: transfer of air and water; drinking water pressure lines; any application in which transparent hose is required or desired.

Tube & Cover: Clear food grade PVC. Reinforced with high tensile strength yard.

Temperature range: 25°F to + 150°F; -5°C to +65°C

ID	OD	WALL	W/P 68°F	FIG. NO.	PER FOOT	PER COIL		
					PRICE	Coil Length	FIG. NO.	PRICE
3/16	.375	250	1000	11384		500'	17689	
1/4	.460	250	1000	11386		500'	17690	
5/16	.525	250	1000	11389		500'	17691	
3/8	.600	225	900	11390		500'	17692	
1/2	.750	200	800	11392		300'	17694	
5/8	.875	200	800	11393		300'	17695	
3/4	1.030	150	600	11395		300'	17696	
1	1.312	125	500	11397		100'	17697	
1 1/4	1.687	100	400	11398		100'	17698	
1 1/2	1.937	75	300	11399		100'	17699	
2	2.500	75	300	11401		100'	17700	

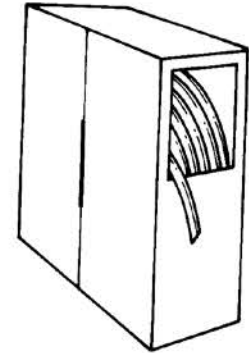
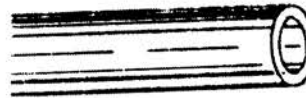
PLASTIC HOSE & TUBING (CONT'D)  
**POLY TUBE**

Low density polyethylene tubing has a wide range of uses including water lines, beverage tubing, air lines, instrumentation, plus uses in industrial, agricultural and chemical applications.

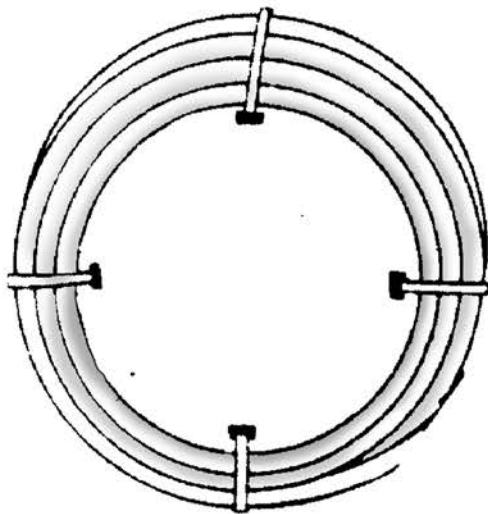
Has good chemical resistance to alkalines, dilute acid, ammonia gas, ammonium hydroxide, brine water, and most aqueous solutions of metallic salts.

Natural compound meets the Food and Drug Administration Code of Federal Regulations, Title 21, Part 177, 1520 (c) 2.1 for a resin which may be processed for contact with human food. Temperature range: -40°F to 136°F.

Natural color: ASTM D-1248-84 Type 1, Class A, Category 4.



				PER FOOT		PER 100FT COIL	
OD	ID	WALL	W/P 70°F	FIG. NO.	PRICE	FIG. NO.	PRICE
1/4"	.170	.040	150	11418		17713	
5/16"	.233	.040	130	11419		17714	
3/8"	.250	.0625	125	11421		17715	
1/2"	.375	.0625	100	11422		17716	
5/8"	.500	.0625	70	11423		17718	
3/4"				44590		44589	
7/8"				47850		47849	



**CREAMERY WASH DOWN HOSE**  
(HOT WATER & STEAM RATED)

White EPDM cover resists scuffing, abrasion & cracking. Kink resistant handles hot water to 298°F. 3/4" ID x 1 1/4" OD Max. W.P. 200<sup>o</sup>.

Sold per foot.

FIG. NO.	PRICE
11373	



**CONTRACTORS RUBBER WATER HOSE**

Heavy duty black EPDM rubber  
Heavy brass octagon coupling  
150 lb. working pressure  
First quality

	FIG. NO.	PRICE
3/4 X 25'	11432	
3/4" X 50'	11434	
3/4' X 100'	40204	

## BARB FITTINGS — Brass & Nylon

### HOSE BARB TO MALE PIPE



SIZE	BRASS		NYLON	
	FIG. NO.	FIG. NO.	FIG. NO.	FIG. NO.
1/8 X 1/8	4887	-	-	-
3/16 X 1/8	4890	-	-	-
3/16 X 1/4	4892	-	-	-
1/4 X 1/8	4894	4637	-	-
1/4 X 1/4	4895	4643	-	-
1/4 X 3/8	4897	26916	-	-
1/4 X 1/2	-	26917	-	-
5/16 X 1/4	4899	-	-	-
3/8 X 1/8	4900	-	-	-
3/8 X 1/4	4902	4649	-	-
3/8 X 3/8	4903	4652	-	-
3/8 X 1/2	4905	4654	-	-
1/2 X 1/4	4912	26915	-	-
1/2 X 3/8	4914	4656	-	-
1/2 X 1/2	4916	4659	-	-
1/2 X 3/4	4917	4661	-	-
5/8 X 3/8	4918	26912	-	-
5/8 X 1/2	4922	26913	-	-
5/8 X 3/4	4924	26914	-	-
3/4 X 1/2	4925	22631	-	-
3/4 X 3/4	4927	21661	-	-
1 X 3/4	36209	-	-	-
1 X 1	36210	-	-	-

### HOSE BARB X FEMALE PIPE



SIZE	BRASS		NYLON	
	FIG. NO.	FIG. NO.	FIG. NO.	FIG. NO.
1/4 X 1/4	4933	4689	-	-
3/8 X 1/4	4936	-	-	-
3/8 X 3/8	4939	-	-	-
1/2 X 1/2	4949	47324	-	-

### UNION TEE TUBE ALL ENDS

SIZE	BRASS		NYLON	
	FIG. NO.	FIG. NO.	FIG. NO.	FIG. NO.
1/4	-	4682	-	-
3/8	-	4683	-	-



### HOSE X HOSE SPLICER



SIZE	BRASS		NYLON	
	FIG. NO.	FIG. NO.	FIG. NO.	FIG. NO.
1/4	4951	4666	-	-
5/16	-	42458	-	-
3/8	4952	4669	-	-
1/2	4954	4671	-	-
3/4	-	42460	-	-

### HOSE BARB 90° ELBOW



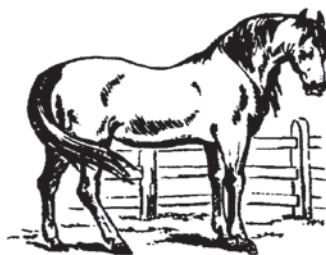
SIZE	BRASS		NYLON	
	FIG. NO.	FIG. NO.	FIG. NO.	FIG. NO.
1/4 X 1/8	-	4673	-	-
1/4 X 1/4	-	4674	-	-
3/8 X 1/8	-	22154	-	-
3/8 X 1/4	-	4675	-	-
3/8 X 3/8	-	4676	-	-
1/2 X 1/4	-	26918	-	-
1/2 X 3/8	-	4678	-	-
1/2 X 1/2	-	4680	-	-
1/2 X 3/4	-	55638	-	-
5/8 X 3/8	-	39052	-	-
5/8 X 1/2	-	55416	-	-




**BUYING QUALITY  
PRODUCTS  
IS LIKE BUYING  
OATS . . .**


**If you want nice, clean, fresh oats,  
you must pay a fair price. However,  
if you can be satisfied with oats that  
have already been through the horse**


*Well . . . That Comes A Little Cheaper*





NYLON TUBING FITTINGS AND CONNECTORS


	OD	PIPE THRD-	FIG. NO.	PRICE
	1/8	1/8		3559
	1/4	1/8		3564
	1/4	1/4		3565
	1/4	3/8		3567
	5/16	1/8		47104
	5/16	1/4		3569
	3/8	1/8		22282
	3/8	1/4		3570
	3/8	3/8		3571
	3/8	1/2		47105
	1/2	1/4		29584
	1/2	3/8		3572
	1/2	1/2		3575
	5/8	3/8		24097
	5/8	1/2		3576
	3/4	1/2		3577
	3/4	3/4		29585
	7/8	3/4		47106


	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		3579
	5/16	5/16		29587
	5/16	1/4		29588
	3/8	3/8		3581
	3/8	1/4		29589
	1/2	1/2		3583
	1/2	3/8		29590
	5/8	5/8		3585


	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		3628
	5/16	5/16		3630
	3/8	3/8		3631
	1/2	1/2		3635
	5/8	5/8		3638


	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		3590
	1/4	1/8		42455
	1/4	3/8		3592
	5/16	1/4		3593
	3/8	1/4		3596
	3/8	3/8		3599
	1/2	3/8		3600
	1/2	1/2		3604
	5/8	3/8		48970
	5/8	1/2		3606


	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/8		29617
	1/4	1/4		29618
	3/8	1/4		29620
	3/8	3/8		29621
	1/2	3/8		29622
	1/2	1/2		29624
	5/8	1/2		29625


	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		3609
	3/8	3/8		3611
	1/2	1/2		3612
	5/8	5/8		3614

	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		29595
	5/8	1/2		29601

	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		29604
	5/16	1/4		29605
	3/8	1/4		29606
	3/8	3/8		29608
	1/2	3/8		29609
	1/2	1/2		29610
	5/8	1/2		29611

	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		3616
	5/16	1/4		29592
	3/8	1/4		3617
	3/8	3/8		3619

	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		3675
	5/16	5/16		3678
	3/8	3/8		3682
	1/2	1/2		3685

	OD	PIPE THRD-	FIG. NO.	PRICE
	1/4	1/4		3641
	5/16	5/16		3642
	3/8	3/8		3644
	1/2	1/2		3647
	*1/4	1/4		3649
	*3/8	3/8		3660
	*1/2	1/2		3663
	*5/8	5/8		64617

\*provided with SS Gripper



**DUFF DELIVERS**



## HOSE

### STEAM HOSE



Kink-proof, flexible hose designed to convey saturated steam with safety. Reinforced with steel wire and glass cord and specially compounded cover. Sold by the foot, can be made up with fittings!

ID	OD	MAX WP, LBS	BRAID	FIG. NO.	PRICE
1/2	1 1/8	200	2	11424	
3/4	1 13/32	200	2	11426	
1	1 21/32	200	2	11427	



### AUTOMATIC WATER-SAVER SPRAY NOZZLE

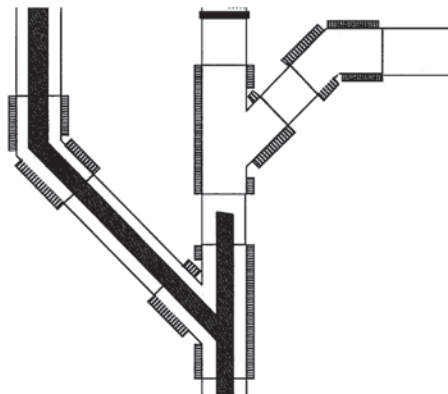
The Strahman spray nozzle does a better job with the least amount of water. This precision made nozzle enables the operator to get any type stream of water to do his job by simply pressing the lever. A soft spray is sent forth with slight pressure on the lever, and a strong straight stream may be had by pushing the lever all the way down. This convenient control of the waste water assures better cleaning with a lot less effort. The nozzle automatically shuts off the moment the lever is released, thereby eliminating all waste water.

Fig. No.	Price
30906	



### HYDRAULIC HOSE ASSEMBLIES

1-WIRE, 2-WIRE braid. Meets all requirements of SAE100R1 and SAE 100R2. 1-wire hose (100R1) recommended for medium pressure and 2-wire hose (100R2) for high pressure hydraulic service. Both ends coupled with solid male IPT couplings. Each assembly is "sleeved" for easy handling and shelf storage. CALL FOR PRICING!



### DOUBLE CONTAINMENT PIPING SYSTEMS

Call for Quotes!  
610-275-4453

### HOSE REELS BY REELCRAFT

HOSE REELS FOR AIR, WATER AND OTHER LIQUIDS

MANY STYLES AVAILABLE



SUCTION & DISCHARGE HOSE

PVC SUCTION HOSE

Green

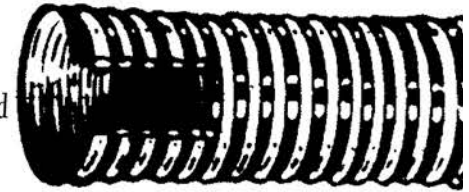
Smooth bore and cover

Reinforced with a tough, rigid PVC helix to withstand crushing, kinking, and vacuum pressures.

Highly resistant to ozone, weather, salt and alkaline

Temperature range form +15<sup>0</sup> to 150<sup>0</sup>F.

Full 100' coils are also available!



SIZE	PER FOOT (STANDARD COILS 20', 25', 50', 100')		20' WITH SHANK COUPLING		20' WITH C&E QUICK CONNECTS	
	FIG. NO.	PRICE	FIG. NO.	PRICE	FIG. NO.	PRICE
1	17719		-		-	
1 1/4	11302		11311		47011	
1 1/2	11303		11316		47012	
2	11304		11318		47013	
3	11305		11320		47014	
4	11306		11322		47015	



RUBBER SUCTION HOSE

Smooth SBR bore & cover

Black with green stripe

Full 100' coils available!

Coupled lengths are also available upon your request!

Priced per foot



ID	OD	FIG. NO.	PRICE (PER FT)
1 1/2"	2-3/8"	40123	
2"	2-9/16"	40124	
3"	3-9/16"	40125	
4"	4-11/16"	40126	
6"	7"	40127	

Available with shank couplers or quick connects!

PVC LAY FLAT DISCHARGE HOSE

Blue polyvinyl tube and cover with synthetic fiber reinforcement.

Will not rot or mildew.

Coils flat for easy handling, storage and shipping.

Continuous 1 piece lengths

Temperature range from 4<sup>0</sup>F to 122<sup>0</sup>F

Coupled lengths are also available upon your request!

Also available in full 300' lengths!

Priced per foot

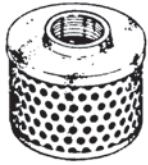


ID	WP/PSI	FIG. NO. (Per Foot)	PRICE
1 1/4"		11359	
1 1/2"	80	11360	
2"	80	11361	
3"	70	11362	
4"	70	11363	

## HOSE ACCESSORIES

SIZE	FIG. NO.	PRICE
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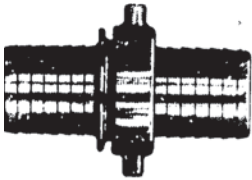
### SUCTION HOSE STRAINERS



1 1/2	4602
2	4608
2 1/2	4610
3	4613
4	4616
6	4617

### SHANK COUPLINGS

1" furnished with octagon nut  
 1 1/2" thru 2" furnished with lugs on female only.  
 2 1/2" thru 6" have lugs on both male and female sides



1 1/2	4564
2	4566
2 1/2	4568
3	4570
4	4572
6	4574

SIZE	FIG. NO.	PRICE
------	----------	-------

### FOOT VALVE



Painted Cast Iron

1 1/2	—
2	—
3	—
4	10600
6	—

### SHANK COUPLING WASHER



Rubber

3/4	48898
1	48899
1 1/4	48900
1 1/2	48901
2	48902
2 1/2	48903
3	48904
4	48905

**DUFF IS ALWAYS**

**OPEN**

**365 Days a Year  
 24 Hour Emergency Service**

SIZE	FIG. NO.	PRICE
------	----------	-------

### COMBINATION HOSE NIPPLE



King Nipple  
 Cadmium plated steel

1/2	49163
3/4	49153
1	49154
1 1/4	49155
1 1/2	49156
2	49157
2 1/2	49158
3	49159
4	49160
5	49161
6	49162
8	60201

### COMBINATION HOSE NIPPLE



**STAINLESS  
 STEEL**

King Nipple  
 Stainless Steel

1/2	49164
3/4	49165
1	49166
1 1/4	49167
1 1/2	49168
2	49169

**YOU ARE  
 ALWAYS  
 WELCOME  
 AT DUFF  
 COMPANY!**

**VISIT US  
 ANYTIME!**



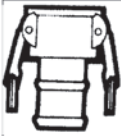
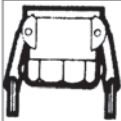



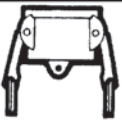


QUICK DISCONNECT COUPLINGS & ADAPTERS



The Right Connection™

FITTINGS AVAILABLE TO 6"!

		ALUMINUM		BRASS		IRON		STAINLESS STEEL		POLY		
		FIG. NO.	PRICE	FIG. NO.	PRICE	FIG. NO.	PRICE	FIG. NO.	PRICE	FIG. NO.	PRICE	
 Male Adapter FPT X Male Coupler	<b>A</b>	3/4	3800	4230		34103		34178		4428		
		1	3804		4231		34104		34179		4430	
		1 1/4	3808		4233		—		34180		—	
		1 1/2	3812		4234		33799		34181		4433	
		2	3813		4260		34107		34182		4435	
		3	3824		4261		34109		34183		4438	
		4	3829		4262		34110		34184		—	
 Female Coupler Coupler X MPT	<b>B</b>	3/4	3836		4265		—		34186		4450	
		1	3839		4267		34114		34187		4452	
		1 1/4	—		—		—		—		—	
		1 1/2	3846		4269		—		34189		4456	
		2	3847		4271		34117		34190		4458	
		3	3853		4274		—		34191		4460	
		4	3953		4275		—		34192		—	
 Hose Shank Coupler Fem Coupler X Hose Shank	<b>C</b>	3/4	3957		4278		34123		34194		4466	
		1	3959		4279		34124		34195		4469	
		1 1/4	4146		—		—		34196		—	
		1 1/2	3963		4282		34126		34197		4474	
		2	3966		4283		34127		34198		4479	
		3	3970		4291		34129		34199		4480	
		4	3971		4293		34130		34200		—	
 Fem Coupler Fem Coupler X FPT	<b>D</b>	3/4	3974		4295		34133		34202		4483	
		1	4051		4296		34134		34203		4485	
		1 1/4	4054		4298		—		34204		—	
		1 1/2	4056		4299		33800		34205		4490	
		2	4057		4302		34136		34206		4492	
		3	4074		4304		34138		34207		4499	
		4	4087		4308		34139		34208		—	
 Hose Shank Adapter Male Coupler X Hose Shank	<b>E</b>	3/4	4092		4312		34142		34210		4504	
		1	4094		4314		34143		34211		4505	
		1 1/4	4097		4315		34144		34212		—	
		1 1/2	4099		4316		34145		34213		4510	
		2	4103		4317		34146		34214		4515	
		3	4106		4319		34147		34216		4517	
		4	4181		4320		34148		34217		—	
 Male Adapter MPT X Male Coupler	<b>F</b>	3/4	4184		4324		34151		34219		4520	
		1	4185		4325		34152		34220		4521	
		1 1/4	4193		4326		—		34221		—	
		1 1/2	4194		4327		34154		34222		4554	
		2	4196		4328		34155		34223		4530	
		3	4199		4330		34157		34224		4534	
		4	4200		4331		34158		34225		—	
 Dust Plug Male Coupler	<b>DP</b>	3/4	—		4359		—		34226		4551	
		1	—		4385		34161		34227		4552	
		1 1/4	—		4387		34162		34228		—	
		1 1/2	—		4390		33801		34229		4557	
		2	4224		4395		34163		34230		4559	
		3	4227		4398		34165		34231		4560	
		4	—		4401		34166		34232		—	
 Dust Cap Female Coupler	<b>DC</b>	3/4	4204		4334		—		34233		4541	
		1	4205		4336		—		34234		4544	
		1 1/4	—		—		—		—		—	
		1 1/2	—		4346		34171		34236		4546	
		2	4209		4348		34172		34237		4548	
		3	4212		4352		34174		34238		4549	
		4	4214		4355		34175		34239		—	

For additional information call: 610-275-4453 or Fax: 610-279-6299

Please call for current prices.



- A - Excellent
- B - Good
- C - Good to 80°F
- D - Moderate effect  
Use under limited conditions
- E - Not Recommended
- F - Autocatalytic
- X - Unknown

## CHEMICAL RESISTANCE GUIDE INDUSTRIAL CHEMICALS

CHEMICAL	CPVC	PVC	Ryton	Polypropylene	Polyethylene	Lucite	Acrylic	Teflon	SS 316	CARP 20	EPDM	Silastic	Ceramic	Hypalon	Viton
ACE TALDEHYDE	E	E	A	C	X	E	E	A	A	A	A	B	A	E	A
ACETIC ACID, 20%	B	B	A	A	B	A	A	A	A	A	A	B	A	A	E
ACETIC ACID, 80%	D	D	A	B	B	D	D	A	A	A	B	D	A	A	E
ACETIC ACID, GLACIAL	E	D	A	C	A	E	E	A	A	A	A	X	A	E	E
ACETIC ANHYDRIDE	E	E	A	A	X	E	E	A	D	C	B	E	A	A	E
ACETONE	E	E	A	B	D	E	E	A	A	A	A	D	A	D	E
ALUMINUM CHLORIDE	A	A	A	A	A	A	A	A	D	D	A	D	A	A	A
ALUMINUM FLUORIDE	A	A	A	A	X	A	A	A	C	D	A	D	X	A	A
ALUMINUM SULFATE	A	A	A	A	A	A	A	A	D	B	A	X	A	A	A
AMMONIA, 10%	A	A	A	A	B	A	A	A	A	A	B	E	A	A	A
AMMONIUM CHLORIDE	A	A	A	A	A	A	A	A	D	C	A	X	A	A	A
AMMONIUM NITRATE	A	A	A	A	X	A	A	A	A	A	A	X	A	A	A
AMMONIUM PERSULFATE	A	A	A	A	X	A	A	A	C	B	A	X	A	A	A
AMMONIUM PHOSPHATE	A	A	A	A	X	A	A	A	A	A	A	A	A	A	A
AMMONIUM SULFATE	A	A	A	A	A	A	A	A	B	A	A	X	A	B	B
AMYL ACETATE	E	E	A	E	E	E	E	A	A	A	A	E	A	E	E
AMYL ALCOHOL	B	B	X	X	X	E	E	A	A	A	B	E	A	B	B
AMYL CHLORIDE	E	E	A	X	X	E	E	A	C	A	A	E	A	E	A
ANILINE	E	E	A	C	D	E	E	A	A	A	A	X	A	B	A
AQUA REGIA	E	E	X	X	D	E	E	A	E	E	D	X	A	B	A
ARSENIC ACID	A	A	A	A	X	A	A	A	X	B	A	A	A	X	A
BARIUM CHLORIDE	A	A	A	A	X	A	A	A	C	B	A	A	A	B	B
BARIUM SULFATE	A	A	A	A	X	A	A	A	B	B	A	A	A	A	A
BEER	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A
BENZALDEHYDE	E	E	A	C	X	E	E	A	A	A	A	E	A	E	E
BENZENE (BENZOL)	E	E	A	C	E	E	E	A	A	A	E	E	A	E	D
BENZOIC ACID	A	A	A	A	A	C	C	A	B	B	X	D	A	E	A
BORAX (SODIUM BORATE)	A	A	A	A	D	X	X	A	A	A	A	D	A	B	B
BORIC ACID	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B
BROMINE WATER	C	C	D	E	X	X	X	A	E	E	D	E	A	E	A
BUTYL ACETATE	E	E	A	E	X	X	X	A	B	B	C	E	A	E	E
BUTYRIC ACID	D	D	X	A	X	D	D	A	B	A	B	X	A	E	D
CALCIUM BISULFITE	A	A	A	A	A	X	X	A	B	B	E	A	A	A	A
CALCIUM CHLORIDE	A	A	A	A	A	A	A	A	C	A	A	A	A	A	A
CALCIUM HYPOCHLORITE	A	A	A	A	A	A	A	A	D	D	B	D	A	A	D
CALCIUM SULFATE	A	A	A	A	X	A	A	A	B	B	B	D	A	A	A
CARBON TETRACHLORIDE	C	C	A	C	E	X	X	A	B	B	X	E	A	E	A
CARBONIC ACID	A	A	A	A	X	A	A	A	B	A	X	E	A	B	B
CHLOROACETIC ACID	A	A	A	D	X	E	E	A	E	X	E	X	A	A	A
CHLORINE WATER	A	A	A	E	B	X	X	A	E	B	B	X	A	B	A
CHLOROBENZENE	E	E	A	C	X	E	E	A	A	A	E	E	A	E	A
CHLOROFORM	E	E	A	E	X	E	E	A	A	A	E	E	A	E	D
CHLOROSULFONIC ACID	C	C	E	E	E	E	E	A	D	D	E	X	A	X	E
CHROMIC ACID, 10%	A	A	A	A	A	A	A	A	B	A	E	D	A	A	A
CHROMIC ACID, 30%	A	A	A	A	A	A	A	A	B	A	E	E	A	A	A
CHROMIC ACID, 50%	E	E	D	A	B	D	D	A	C	B	E	E	A	A	A
CITRIC ACID	A	A	A	A	A	A	A	A	B	A	A	B	A	A	A
COPPER CHLORIDE	A	A	A	A	B	A	A	A	B	B	B	B	A	B	B
COPPER CYANIDE	A	A	A	A	X	A	A	A	A	A	B	B	A	X	B
COPPER NITRATE	A	A	A	A	X	A	A	A	A	A	B	A	A	B	B
COPPER SULFATE	A	A	A	A	A	A	A	A	B	A	B	B	A	B	A
CRESYLIC ACID	B	B	X	X	X	X	X	A	A	A	E	X	A	X	A
ETHYL ACETATE	E	E	A	C	X	E	E	A	B	B	D	D	A	E	E
ETHYL CHLORIDE	E	E	A	E	X	E	E	A	A	A	B	E	A	D	A
ETHYLENE GLYCOL	A	A	A	A	X	A	A	A	B	A	B	A	A	B	B
FATTY ACIDS	A	A	A	A	E	D	D	A	A	A	X	D	A	X	B
FERRIC CHLORIDE	A	A	A	A	A	A	A	A	E	E	A	B	A	B	B

- Excellent
- Good
- Good to 80°F
- Moderate effect
- Use under limited conditions
- Not Recommended
- Autocatalytic
- Unknown

## CHEMICAL RESISTANCE GUIDE INDUSTRIAL CHEMICALS

CHEMICAL	CPVC	PVC	Ryton	Polypropylene	Polyethylene	Lucite	Acrylic	Teflon	SS 316	CARP 20	EPDM	Silastic	Ceramic	Hypalon	Viton
FERRIC NITRATE	A	A	A	A	E	A	A	A	B	A	A	D	A	B	B
FERRIC SULFATE	A	A	A	A	E	A	A	A	A	A	A	D	A	B	B
FERROUS CHLORIDE	A	A	A	A	A	A	A	A	E	E	B	X	A	B	B
FERROUS SULFATE	A	A	A	A	B	A	A	A	D	B	B	X	A	B	B
FLUOBORIC ACID	A	A	A	A	E	B	B	A	B	A	B	X	E	B	X
FLUOSILICIC ACID	A	A	A	A	A	B	B	A	B	B	X	X	E	X	B
FORMALDEHYDE, 40%	B	B	A	A	B	A	A	A	A	A	A	X	A	B	E
FORMIC ACID	C	C	A	A	B	E	E	A	B	A	B	D	A	B	E
FREON 12 (WET)	C	C	X	A	X	X	X	A	E	X	D	E	A	E	A
FUEL OILS	A	A	A	C	X	X	X	A	A	A	E	E	A	B	B
FURFURAL	E	E	A	E	X	X	X	A	B	A	D	X	A	X	E
GASOLINE	C	C	A	E	X	E	E	A	A	E	E	E	A	E	A
GLYCERINE (GLYCEROL)	A	A	A	A	X	A	A	A	A	A	A	A	A	B	B
HEPTANE	A	A	A	C	X	X	X	A	A	A	X	E	A	B	B
HEXANE	C	C	A	C	X	X	X	A	A	A	E	X	A	B	B
HYDROBROMIC ACID, 20%	A	A	A	A	B	X	X	A	E	E	B	E	C	A	A
HYDROCHLORIC ACID, 0-25%	A	A	A	A	B	A	A	A	E	E	C	E	C	A	B
HYDROCHLORIC ACID, 25-37%	A	A	A	A	B	A	B	A	E	E	C	E	C	A	A
HYDROCYANIC ACID	A	A	A	A	B	A	B	A	A	B	E	C	X	A	A
HYDROFLUORIC ACID, 10%	C	C	A	A	A	A	B	A	C	C	B	E	E	A	A
HYDROFLUORIC ACID, 30%	C	C	A	B	D	D	E	A	C	C	C	E	E	A	A
HYDROFLUORIC ACID, 60%	D	D	C	B	E	D	E	A	C	C	D	E	E	D	A
HYDROFLUOSILICIC ACID, 20%	A	A	A	A	A	B	D	A	B	B	A	E	E	X	B
HYDROGEN PEROXIDE, 30%	A	A	B	A	B	A	B	A	B	A	D	A	X	A	A
HYDROGEN PEROXIDE, 50%	C	C	D	X	B	X	X	A	B	A	E	B	X	A	A
HYDROGEN PEROXIDE, 90%	E	E	D	X	D	X	E	A	B	A	E	B	X	D	A
HYDROGEN SULFIDE, AQ. SOL.	C	C	A	A	X	A	B	A	B	A	A	D	X	B	B
IODINE (IN ALCOHOL)	E	E	A	C	E	X	E	A	B	B	E	E	A	E	A
KEROSENE	B	B	A	C	X	A	X	A	A	A	E	E	A	E	A
KETONES	E	E	A	E	X	E	E	A	A	A	X	X	A	E	E
LACQUER THINNERS	D	D	A	C	X	E	E	A	A	A	E	E	A	X	X
LACTIC ACID	B	B	A	A	A	D	E	A	B	A	A	B	A	B	B
LEAD ACETATE	A	A	A	A	X	A	A	A	A	A	A	E	A	E	A
LUBRICATING OIL	C	C	A	C	D	A	A	A	A	A	E	E	A	D	A
MAGNESIUM CHLORIDE	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A
MAGNESIUM NITRATE	A	A	A	A	X	A	A	A	A	A	B	B	A	A	A
MAGNESIUM SULFATE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
MALEIC ACID	A	A	A	A	X	X	E	A	B	A	E	X	A	A	A
METHYL ALCOHOL	C	C	X	A	E	X	E	A	A	A	B	A	A	B	D
METHYL CHLORIDE	E	E	X	E	X	E	E	A	A	A	D	X	A	E	A
METHYL ETHYL KETONE	E	E	A	C	X	E	E	A	A	A	B	D	A	E	E
METHYL ISOBUTYL KETONE	E	E	A	C	X	E	E	A	A	A	D	D	A	E	E
METHYLENE CHLORIDE	E	E	X	E	X	E	E	A	A	A	E	X	A	E	D
NAPHTHA	B	B	A	C	X	E	E	A	A	A	E	E	A	E	A
NAPHTHALENE	E	E	A	C	X	X	E	A	A	A	E	E	A	E	D
NICKEL CHLORIDE	A	A	A	A	A	A	A	A	B	B	A	B	A	B	B
NICKEL SULFATE	A	A	A	A	A	A	A	A	B	A	A	A	A	B	B
NITRIC ACID, 10%	A	A	A	A	A	D	E	A	B	A	D	B	A	A	A
NITRIC ACID, 20%	A	A	A	A	B	E	E	A	B	A	E	D	A	A	A
NITRIC ACID, 50%	A	A	C	C	C	E	E	A	B	A	E	E	A	E	A
NITRIC ACID, ANHYDROUS	E	E	D	E	E	E	E	A	B	A	X	E	A	E	B
NITRO BENZENE	E	E	A	C	X	E	E	A	B	A	E	E	A	E	E
OILS AND FATS	A	A	A	A	X	X	X	A	A	A	E	X	A	X	A
OLEIC ACID	A	A	A	C	E	X	E	A	B	B	D	X	A	D	D
OLEUM, 25%	E	E	X	X	E	E	E	A	X	X	X	X	A	E	A
OXALIC ACID	A	A	A	A	B	D	D	A	C	B	B	D	A	A	A
PHENOL	C	C	A	B	C	A	A	A	B	B	D	D	A	E	A

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- D - Moderate effect  
Use under limited conditions
- E - Not Recommended
- F - Autocatalytic
- X - Unknown

## CHEMICAL RESISTANCE GUIDE INDUSTRIAL CHEMICALS

CHEMICAL	CPVC	PVC	Ryton	Polypropylene	Polyethylene	Lucite	Acrylic	Teflon	SS 316	CARP 20	EPDM	Silastic	Ceramic	Hypalon	Viton
PHOSPHORIC ACID, 0-50%	A	A	A	A	A	A	B	A	B	B	D	E	A	A	B
PHOSPHORIC ACID, 50-100%	B	B	A	B	B	A	D	A	B	B	E	E	A	A	B
POTASSIUM BICARBONATE	A	A	A	A	B	A	A	A	B	B	A	X	A	B	B
POTASSIUM BROMIDE	A	A	A	A	B	A	A	A	B	B	A	X	A	B	B
POTASSIUM CARBONATE	A	A	A	A	B	A	A	A	B	B	A	X	A	B	B
POTASSIUM CHLORATE	A	A	A	A	B	A	A	A	A	A	B	B	A	B	B
POTASSIUM CHLORIDE	A	A	A	A	A	A	A	A	D	C	A	B	A	B	B
POTASSIUM CYANIDE	A	A	A	A	X	A	A	A	A	B	B	A	A	B	B
POTASSIUM DICHROMATE	A	A	A	A	B	A	A	A	A	A	B	A	A	B	B
POTASSIUM HYDROXIDE	A	A	A	A	A	D	E	A	B	B	D	D	E	B	B
POTASSIUM NITRATE	A	A	A	A	A	A	A	A	B	B	B	A	A	B	B
POTASSIUM PERMANGANATE	A	A	A	A	A	A	A	A	B	B	B	B	A	B	B
POTASSIUM SULFATE	A	A	A	A	A	A	A	A	B	B	A	A	A	B	B
PROPYL ALCOHOL	C	C	X	X	X	X	X	A	A	A	B	A	A	B	B
SOAPS	A	A	A	A	C	A	A	A	A	A	A	A	A	B	B
SODIUM ACETATE	A	A	A	A	A	A	A	A	B	B	A	X	A	A	E
SODIUM BICARBONATE	A	A	A	A	A	A	A	A	B	A	A	A	A	B	B
SODIUM BISULFATE	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B
SODIUM BISULFITE	A	A	A	A	A	A	A	A	B	B	A	B	A	B	B
SODIUM CARBONATE	A	A	A	A	A	A	A	A	B	A	B	A	A	B	B
SODIUM CHLORATE	A	A	A	A	A	A	A	A	B	B	B	X	A	B	B
SODIUM CHLORIDE	A	A	A	A	A	A	A	A	B	B	B	A	A	B	B
SODIUM CYANIDE	A	A	A	A	X	A	A	A	A	A	B	B	A	B	B
SODIUM HYDROXIDE, 20%	A	A	A	A	A	D	D	A	A	A	B	D	E	B	E
SODIUM HYDROXIDE, 50%	A	A	A	A	B	D	E	A	A	A	C	D	E	B	E
SODIUM HYPOCHLORITE	A	A	A	A	A	A	A	A	D	X	B	D	A	A	D
SODIUM NITRATE	A	A	A	A	A	A	A	A	A	A	A	E	A	B	B
SODIUM SILICATE	A	A	A	A	A	A	A	A	B	B	A	X	A	A	A
SODIUM SULFATE	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B
SODIUM SULFIDE	A	A	A	A	A	A	A	A	B	B	A	X	A	B	B
STANNIC CHLORIDE	A	A	A	A	A	A	A	A	E	C	D	D	A	D	B
STEARIC ACID	A	A	A	C	E	X	E	A	A	A	D	A	A	D	A
STODDARD'S SOLVENT	E	E	A	X	X	X	X	A	A	A	E	E	X	X	A
SULFURIC ACID, 0-10%	A	A	A	A	A	A	D	A	E	A	D	E	A	A	A
SULFURIC ACID, 10-75%	A	A	B	A	C	D	E	A	E	A	E	E	A	A	A
SULFURIC ACID, 75-100%	C	C	C	C	C	E	E	A	E	A	E	E	A	D	A
TANNIC ACID	A	A	A	A	B	X	X	A	B	B	B	D	A	B	B
TANNING LIQUORS	A	A	A	A	A	X	X	A	A	A	E	X	A	X	A
TARTARIC ACID	A	A	A	A	X	X	E	A	B	B	D	B	A	B	B
TETRAHYDROFURANE	E	E	A	C	X	X	E	A	A	A	D	X	A	X	X
TOLUENE (TOLUOL)	E	E	A	C	E	E	E	A	A	A	E	X	A	E	E
TRICHLOROETHYLENE	E	E	A	C	E	X	X	A	B	B	E	X	A	E	A
TRICRESYLPHOSPHATE	E	E	A	X	X	X	X	A	A	A	B	X	A	E	A
TURPENTINE	B	B	A	C	X	X	X	A	A	A	E	X	A	E	A
UREA	A	A	A	A	X	X	X	A	B	B	X	X	A	A	E
VINEGAR	A	A	A	A	A	A	A	A	A	A	A	B	A	B	B
WHITE LIQUOR (ACID)	A	A	A	X	X	X	E	A	A	A	X	X	A	X	A
XYLENE (XYLOL)	E	E	A	E	E	E	E	A	A	A	E	E	A	E	A
ZINC CHLORIDE	A	A	A	A	A	A	A	A	B	A	A	X	A	B	B
ZINC SULFATE	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

The following pages are offered as a general guide and indication of the suitability of various elastomers in use today for service in these chemicals and fluids. The ratings are based, for the most part, on published literature of various polymer suppliers and rubber manufacturers but, in some cases, they are the considered opinion of experienced compounders. We cannot guarantee their accuracy nor assume responsibility for use thereof.



**AIR LINE PRODUCTS**

**GENERAL PURPOSE LUBRICATORS**

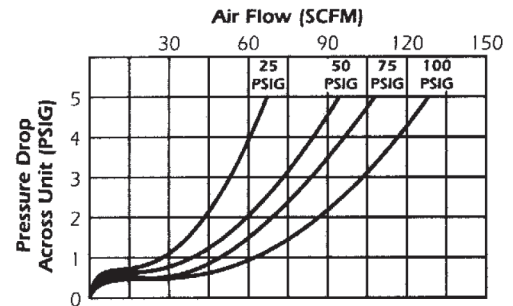
1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2"

High performance over a very wide flow range. These lubricators are ideal for those OEM applications where space is a key consideration.

**BENEFITS**

Lubricator is fillble while under pressure  
Rate of lubricator is automatically proportioned to airflow eliminating readjustment.

General Purpose Lubricator Performance Data



This chart shows typical performance characteristics under normal operating conditions.

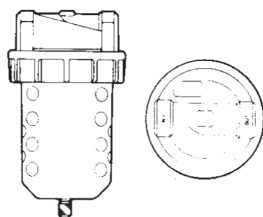
FIG. NO.	PORT SIZE	BOWL TYPE	PRICE
11264	1/4"	Polycarbonate with plastic bowl guard	
11266	3/8"	Polycarbonate with plastic bowl guard	
11270	1/2"	Polycarbonate with plastic bowl guard	
11271	3/4"		
11273	1"		
DL606-10W	1 1/4"		
DL606-12W	1 1/2"		



Pressure range 140 PSI max, Temperature Range 40<sup>o</sup> - 120<sup>o</sup>F

**OPTIONS:** Zinc Bowl with Sight Glass, Steel Bowl, Steel Bow with Sight glass

**GENERAL PURPOSE FILTERS**



Standard features include 40 micron polypropylene element, zinc body and manual drain.

SIZE	FIG. NO.	PRICE
1/4"	11287	
3/8"	11289	
1/2"	11290	
3/4"	11292	
1"	11294	

5 MICRON ELEMENT FEATURE ALSO AVAILABLE!

**ASME RELIEF VALVES APPLICATIONS**

ASME air relief valve, high capacity series. ASME coded national board capacity certified, designed to protect air receivers and other unfired pressure vessels. Factory set and sealed.

**SPECIFY PRESSURE SETTING AT TIME OF ORDER!**



FIG. NO.	SIZE	MATERIAL	PRICE
30910	1/4"	Metal to metal seat	
30911	3/8"	Metal to metal seat	
30912	1/2"	Metal to metal seat	

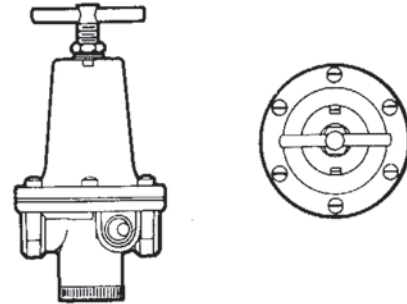
**AIR LINE PRODUCTS**  
**GENERAL PURPOSE**  
**FILTERS/REGULATORS**

1/4" - 3/8" - 1/2" SERIES

High capacity performance featuring rugged design for the most demanding applications. Ideal for those installations calling for constant pressure with wide variation in flow.

**STANDARD FEATURES**

- \*Reduced pressure range: 2-125 psig (.15-8.5 BAR)
- \*Supply pressure: 300 psig max (20.4 BAR)
- \*Temperature range: 40o-120oF (4.4o-48.9oC)
- \*Brass bottom plug
- \*Diaphragm operated
- \*Zinc body
- \*Relieving
- \*Aluminum spring cage
- \*Spring adjustment mechanism



SIZE	FIG. NO.
1/4"	11275
3/8"	11279
1/2"	11281
3/4"	11283
1"	11285



**AIR HOSE**

EPDM tube & cover  
 Red smooth

Acceptable for spraying, including Monstanto's Lasso.  
 Fittings attached to your specs, please inquire!  
 Full 500' reels are available!

ID	OD	COLOR	WP PSI	FIG. NO.	PRICE
1/4"	19/32"	RED	250	11374	
3/8"	23/32"	RED	250	11376	
1/2"	7/8"	RED	250	11377	
3/4"	1-5/32"	RED	250	11379	
1"	1-1/2"	RED	250	20741	

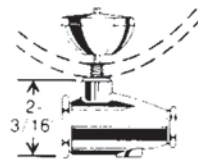
COILS WITH FITTINGS!	
FIG. NO.	PRICE
1/4" X 25'	11380



**NYLON RECOIL HOSE**

Yellow coupled. Stretches and recoils just like a telephone cord. Highest quality brass fittings, oil proof, abrasion resistant. Allows full flow of air. Recoils out of the way. Lightweight. 200LB. W/P. 1/4" ID solid x solid.

Fig. No.	Price
3791	



**EXTERNAL AUTO DRAIN**

Fig. No.	Price
SA602D	



**SAFETY BLOW GUN**

Fig. No.	Price
3797	

“AIR CHIEF” INDUSTRIAL QUICK-CONNECT FITTINGS

INDUSTRIAL INTERCHANGE

“Air-Chief” industrial quick-connect fittings are of the popular industrial interchange design and will interchange with many other makes. Rated 300 PSI.



SEMI-AUTOMATIC



Couplers automatically shut-off when uncoupled.

1/4" PLUGS



Size	Fig. No.	Price
<b>MALE NPT</b>		
1/8	30867	
1/4	3688	
3/8	3694	



<b>FEMALE NPT</b>		
1/8	30868	
1/4	3698	
3/8	3700	



<b>HOSE SHANK</b>		
1/4	3702	
5/16	30869	
3/8	3707	

3/8" PLUGS



Size	Fig. No.	Price
<b>MALE NPT</b>		
1/4	3710	
3/8	3715	
1/2	22625	



<b>FEMALE NPT</b>		
1/4	3719	
3/8	3720	
1/2	30870	



<b>HOSE SHANK</b>		
1/4	3724	
3/8	3727	
1/2	30871	

1/2" PLUGS



Size	Fig. No.	Price
<b>MALE NPT</b>		
3/8	30872	
1/2	30873	
3/4	30874	



<b>FEMALE NPT</b>		
3/8	30875	
1/2	30876	
3/4	30877	



<b>HOSE SHANK</b>		
3/8	24763	
1/2	25243	
3/4	30878	

1/4" COUPLERS



Size	Fig. No.	Price
<b>MALE NPT</b>		
1/8	30879	
1/4	3730	
3/8	3733	



<b>FEMALE NPT</b>		
1/8	30891	
1/4	3735	
3/8	3739	



<b>HOSE SHANK</b>		
1/4	3742	
5/16	30880	
3/8	3746	

3/8" COUPLERS



Size	Fig. No.	Price
<b>MALE NPT</b>		
1/4	3748	
3/8	3751	
1/2	30881	



<b>FEMALE NPT</b>		
1/4	3753	
3/8	3757	
1/2	20779	



<b>HOSE SHANK</b>		
1/4	3761	
3/8	3764	
1/2	30882	

1/2" COUPLERS



Size	Fig. No.	Price
<b>MALE NPT</b>		
3/8	30883	
1/2	24762	
3/4	30884	



<b>FEMALE NPT</b>		
3/8	30885	
1/2	30886	
3/4	30887	



<b>HOSE SHANK</b>		
3/8	30888	
1/2	30889	
3/4	30890	

# How to Order

Submit your order online  
or  
email [info@duffco.com](mailto:info@duffco.com)

Be sure to include  
product numbers  
descriptions  
quantities

Don't forget to include your name!

# DUFF SUPPLY COMPANY

WATER TREATMENT EQUIPMENT - PUMPS - PLUMBING - HEATING - INDUSTRIAL SUPPLIES - PUMPS  
 STEAM SPECIALTIES - PIPE - VALVES - FITTINGS - SOFTENERS - FILTERS  
 201 EAST LAFAYETTE STREET, P.O. BOX 618, NORRISTOWN, PA 19401  
 PHONE: 610-275-4453 FAX: 610-279-6299



SOLD TO:

SHIP TO:


YOUR NAME: \_\_\_\_\_ PURCHASE ORDER NO. \_\_\_\_\_

TODAY'S DATE: \_\_\_\_\_ REQUIRED DATE: \_\_\_\_\_

QTY	FIG. NO.	DESCRIPTION	PRICE/EA	TOTAL



TERMS: NET - 10<sup>TH</sup> OF MONTH FOLLOWING PURCHASE  
 WE WILL PREPAY AND ADD FREIGHT FOR ALL ORDERS SHIPPED UPS OR COMMON CARRIER

*All accounts are to be paid in full to Duff Supply Company monthly by the tenth (10<sup>th</sup>) day of the month following invoice date, a 1% service charge and a 1% interest charge will be made on any balance open at the end of the month following invoice, and in the event that legal action or lien be undertaken, or the service of a collection agency are used to collect this account, the customer shall pay all expenses incurred by Duff Supply Company, such as, but not limited to, costs and collection, legal and lien fees.*





Contact name \_\_\_\_\_ Contact Date \_\_\_\_\_

	<h2 style="margin: 0;">DUFF COMPANY</h2> <p style="margin: 0;">201 East Lafayette Street Norristown, PA 19401</p> <p style="margin: 0;">Phone: <b>610-275-4453</b> Fax: <b>610-279-6761</b></p>	
-----------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------

Legal Name \_\_\_\_\_

Name in which business is conducted \_\_\_\_\_

Billing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Purchasing Phone \_\_\_\_\_ A/P Phone \_\_\_\_\_ Fax \_\_\_\_\_



Principal's Name \_\_\_\_\_

Principal's Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (Office) \_\_\_\_\_ (Cell) \_\_\_\_\_ E-mail address \_\_\_\_\_

Website address (If applicable) \_\_\_\_\_

Primary Contact \_\_\_\_\_ Title \_\_\_\_\_



**SHIPPING ADDRESS - IF DIFFERENT**

Shipping Address \_\_\_\_\_ Phone \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Tax Exempt Number \_\_\_\_\_ Provide a copy of Certificate. We CAN NOT set up a Tax Exempt Account without certification.



**TYPE OF BUSINESS**

Plumbing \_\_\_\_\_ Pumps \_\_\_\_\_ Heating \_\_\_\_\_ Municipality \_\_\_\_\_ Hotel or Apts. \_\_\_\_\_ Well Drilling \_\_\_\_\_  
 Hospital \_\_\_\_\_ Factory (OEM) \_\_\_\_\_ Factory (Mtn) \_\_\_\_\_ Office Building \_\_\_\_\_ Shopping Center \_\_\_\_\_  
 Golf Course \_\_\_\_\_ Water Treatment \_\_\_\_\_ Environmental \_\_\_\_\_ Other (Please name) \_\_\_\_\_

Have you been contacted by one of our salesman? \_\_\_\_\_ Name \_\_\_\_\_

If YES, please explain \_\_\_\_\_

Name of person authorized to pick up \_\_\_\_\_

D&B Rating \_\_\_\_\_ Check one: Corporation \_\_\_\_\_ Partnership \_\_\_\_\_ Individual Proprietor \_\_\_\_\_

If division of another company, name parent company and relationship \_\_\_\_\_

# DUFF COMPANY

201 East Lafayette Street, Norristown, PA 19401

## TRADE REFERENCES

Name \_\_\_\_\_ Type of business \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_



Name \_\_\_\_\_ Type of business \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_



Name \_\_\_\_\_ Type of business \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_



Bank reference \_\_\_\_\_

Branch Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Branch officer who handles account \_\_\_\_\_

In consideration of your opening the above account and/or extended credit, the undersigned hereby agrees that all information supplied in this application is correct, that all accounts are to be paid in full to Duff Company monthly by the tenth day of the month following the invoice date, that a 1% service charge and a 1% interest charge will be made on any balance open at the end of the month following invoice date, and that in the event that legal action or lien be taken, or the service of a collection agency are used to collect this account, the undersigned shall pay all expenses incurred by the Duff company, such as, but not limited to, collection fees, costs and legal fees.

Applicant (Name of Account) \_\_\_\_\_

By \_\_\_\_\_ Title \_\_\_\_\_

The undersigned \_\_\_\_\_ and \_\_\_\_\_ for good and valuable consideration, hereby jointly, severally and personally unconditionally guarantee, warrant and promise the full and prompt (within terms) payments of all bills and other obligations (as set forth above) of the applicate in connection with any credit extended to the applicant by Duff Company.\*

Principal \_\_\_\_\_ Witness \_\_\_\_\_ Principal's Spouse \_\_\_\_\_ Witness \_\_\_\_\_

Principal \_\_\_\_\_ Witness \_\_\_\_\_ Principal's Spouse \_\_\_\_\_ Witness \_\_\_\_\_

We routinely fax invoices to our customers. Please provide a fax number where we can send invoices \_\_\_\_\_

**PLEASE FAX FORM TO 610-275-6761**

\*As appropriate, we may also require the guarantee of a principal and, in some cases, the principal's spouse.

For Duff Company Use Only		
Credit Limit: _____	Contact: _____	Certificate Recd: _____
Tax Jurisdiction: _____	General Manager: _____	Type: _____
Salesman: _____	Class: _____	Controller: _____
	Date Approved: _____	