

PVDF Schedule 80 Pipe

(Polyvinylidene Fluoride) PVDF is a strong, tough, and abrasion resistant fluorocarbon material. It resists distortion and retains most of its strength to 280°F. It is chemically resistant to most acids, bases and organic solvents and is ideally suited for handling wet or dry chlorine, bromine and other halogens. No other solid thermoplastic piping components can approach the combination of strength, chemical resistance and working temperatures of PVDF. PVDF is joined by the thermo-seal fusion process, threading or flanging.

The great versatility of the material, with its unique combination of physical and chemical properties, as well as the simple installation process of pipe, fittings and valves, make it the piping system of choice for applications in industries like semiconductor, pharmaceutical, chemical processing, metal finishing, pulp and paper.

Applications:

- Semi-conductor
- Pharmaceutical
- Chemical processing
- Pulp and paper
- Electronic
- Biotechnology
- Healthcare
- Universities

Features:

- Available in 20' lengths, plain end
- Available in Red Kynar® or natural
- Extremely corrosion resistant
- Ideal for applications up to 280 °F
- Joined by the thermo-seal fusion process, threading or flanging.

MM	NOMINAL PIPE SIZE (INCHES)	PART NUMBER RED	PART NUMBER NATURAL	FEET PER BUNDLE	OUTSIDE DIAMETER (IN)	INSIDE DIAMETER (IN)	WEIGHT PER 100 FEET	PRESSURE RATING AT 73.4°F
12	1/2 x 20 ft	050307	70307	140	0.840	0.546	26	580
20	3/4 x 20 ft	050308	70308	100	1.050	0.742	35	470
25	1 x 20 ft	050309	70309	80	1.315	0.957	51	430
40	1 1/2 x 20 ft	050311	70311	80	1.900	1.500	86	320
50	2 x 20 ft	050312	70312	60	2.375	1.939	119	270
75	3 x 20 ft	050313	70313	20	3.500	2.900	246	250
100	4 x 20 ft	050314	70314	20	4.500	3.826	360	250
150	6 x 20 ft	050315	70315	20	6.625	5.761	686	N.R.



Notes:

- Threaded pipe and fittings shall be rated at 50% of the values given for socket.
- Valves, unions and flanges (either socket or threaded) shall be pressure rated at 150 psi service at 73.4°F(23°C), non-shock and have a minimum burst requirement of 3.3 times the rated pressure.
- Pipe is 20 feet long in plain ends. For other lengths and pipe ends, please consult our customer service department.
- Red Kynar® pipe is pigmented to resist ultra-violet attack when handling high concentrations of halogens. The pipe is completely compatible to Fabco's line of Kynar® fittings and valves.
- Larger diameter pipe is available upon request. Please consult customer service.
- These products are not recommended for compressed air or gas systems.
- N.R. = Not recommended for pressure applications.
- Schedule 40 pipe available upon request.

PVDF Fittings

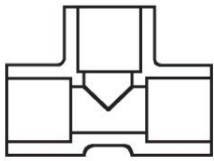
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PVDF Red and Natural Fittings

Notes:

- Other fittings are available on request.
- All 1/2"-6" Molded flanges have a 150 psi Maximum Internal Pressure Rating @ 73°F (23°C).
- No provisions have been made for pressure surges, water hammer, or other conditions which should be considered.
- Webbed – Honeycomb style flanges/blind flanges/vanstone flanges are available.
- For threaded one end nipples or other length nipples, please call Fabco.

SOCKET TEES



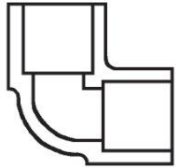
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5801005	701005
3/4	5801007	701007
1	5801010	701010
1 1/2	5801015	701015
2	5801020	701020
3	5801030	701030
4	5801040	701040
6	5801060	701060

150LB BLIND FLANGES



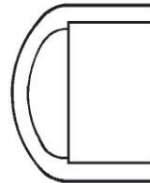
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5853005	753005
3/4	5853007	753007
1	5853010	753010
1 1/2	5853015	753015
2	5853020	753020
3	5853030	753030
4	5853040	753040
6	5853060	753060

90° SOCKET ELBOWS



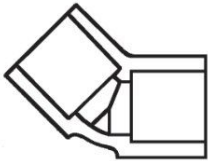
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5806005	706005
3/4	5806007	706007
1	5806010	706010
1 1/2	5806015	706015
2	5806020	706020
3	5806030	706030
4	5806040	706040
6	5806060	706060

SOCKET CAPS



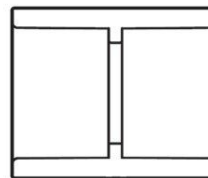
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5847005	747005
3/4	5847007	747007
1	5847010	747010
1 1/2	5847015	747015
2	5847020	747020
3	5847030	747030
4	5847040	747040
6	5847060	747060

45° SOCKET ELBOWS



NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5817005	717005
3/4	5817007	717007
1	5817010	717010
1 1/2	5817015	717015
2	5817020	717020
3	5817030	717030
4	5817040	717040
6	5817060	717060

SOCKET COUPLINGS



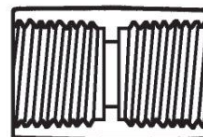
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5829005	729005
3/4	5829007	729007
1	5829010	729010
1 1/2	5829015	729015
2	5829020	729020
3	5829030	729030
4	5829040	729040
6	5829060	729060

150LB SOCKET FLANGES



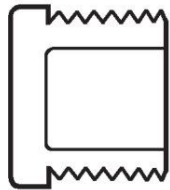
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5851005	751005
3/4	5851007	751007
1	5851010	751010
1 1/2	5851015	751015
2	5851020	751020
3	5851030	751030
4	5851040	751040
6	5851060	751060

THREADED COUPLINGS



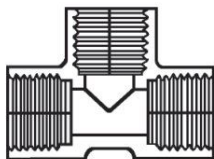
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5830005	730005
3/4	5830007	730007
1	5830010	730010
1 1/2	5830015	730015
2	5830020	730020

THREADED PLUGS



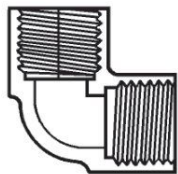
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5850005	750005
3/4	5850007	750007
1	5850010	750010
1 1/2	5850015	750015
2	5850020	750020
3	5850030	750030
4	5850040	750040

THREADED TEES



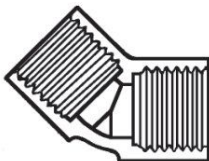
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5805005	705005
3/4	5805007	705007
1	5805010	705010
1 1/2	5805015	705015
2	5805020	705020

90° THREADED ELBOWS



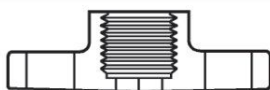
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5808005	708005
3/4	5808007	708007
1	5808010	708010
1 1/2	5808015	708015
2	5808020	708020

45° THREADED ELBOWS



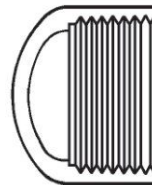
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5819005	719005
3/4	5819007	719007
1	5819010	719010
1 1/2	5819015	719015
2	5819020	719020

150LB THREADED FLANGES



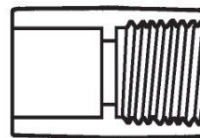
NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5852005	752005
3/4	5852007	752007
1	5852010	752010
1 1/2	5852015	752015
2	5852020	752020

THREADED CAPS



NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5848005	748005
3/4	5848007	748007
1	5848010	748010
1 1/2	5848015	748015
2	5848020	748020

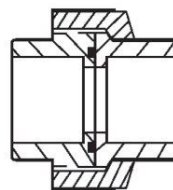
FEMALE ADAPTERS



NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5835005	735005
3/4	5835007	735007
1	5835010	735010
1 1/2	5835015	735015
2	5835020	735020

SOCKET UNIONS

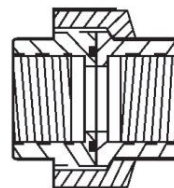
(Viton o-rings)



NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5897005	797005
3/4	5897007	797007
1	5897010	797010
1 1/2	5897015	797015
2	5897020	797020

THREADED UNIONS

(Viton o-rings)



NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5898005	798005
3/4	5898007	798007
1	5898010	798010
1 1/2	5898015	798015
2	5898020	798020

THREADED NIPPLES

(close)



NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
1/2	5861063	761063
3/4	5861104	761104
1	5861133	761133
1 1/2	5861213	761213
2	5861251	761251

PVDF Fittings

THREADED NIPPLES

	NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
(short)	1/2	5861078	761078
	3/4	5861105	761105
	1	5861134	761134
	1 1/2	5861214	761214
	2	5861252	761252



THREADED NIPPLES

	NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
(3 inch)	1/2	5861081	761081
	3/4	5861106	761106
	1	5861135	761135
	1 1/2	5861215	761215
	2	5861253	761253



THREADED NIPPLES

	NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
(4 inch)	1/2	5861082	761082
	3/4	5861107	761107
	1	5861136	761136
	1 1/2	5861216	761216
	2	5861254	761254



THREADED NIPPLES

	NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
(5 inch)	1/2	5861083	761083
	3/4	5861108	761108
	1	5861137	761137
	1 1/2	5861217	761217
	2	5861255	761255



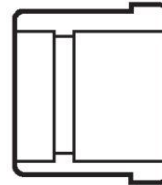
THREADED NIPPLES

	NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
(6 inch)	1/2	5861084	761084
	3/4	5861109	761109
	1	5861138	761138
	1 1/2	5861218	761218
	2	5861256	761256



REDUCER BUSHINGS

	NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
(socket x slip)	3/4 x 1/2	5837101	737101
	1 x 1/2	5837130	737130
	1 x 3/4	5837131	737131
	1 1/2 x 1	5837211	737211
	2 x 1	5837249	737249
	2 x 1 1/2	5837251	737251
	3 x 2	5837338	737338
	4 x 3	5837422	737422
	6 x 4	5837532	737532



REDUCER BUSHINGS

	NOMINAL PIPE SIZE	RED PART NO.	NATURAL PART NO.
(fpt x mpt)	3/4 x 1/2	5839101	739101
	1 x 1/2	5839130	739130
	1 x 3/4	5839131	739131
	1 1/2 x 1	5839211	739211
	2 x 1	5839249	739249
	2 x 1 1/2	5839251	739251

