

## PVC Schedule 40 Pressure Ratings

Size	Pipe	Pressure Rating (psi) @ 73°F			
		Socket Fittings	Threaded Fittings	Flanges	Unions
½"	600	360	300	150	235
¾"	480	288	240	150	235
1"	450	270	225	150	235
1¼"	370	222	185	150	235
1½"	330	198	165	150	235
2"	280	168	140	150	235
2½"	300	180	150	150	-
3"	260	156	130	150	235
4"	220	132	110	150	-
5"	190	114	95	-	-
6"	180	108	90	150	-
8"	160	96	80	150	-
10"	140	84	70	150	-
12"	130	78	65	150	-
14"	130	78	65	-	-
16"	130	78	65	-	-

Pipe	Pressure Rating (psi) @ 140°F				Unions
	Socket Fittings	Threaded Fittings	Flanges	Unions	
132	79	66	33	52	
106	63	53	33	52	
99	59	50	33	52	
81	49	41	33	52	
73	44	36	33	52	
62	37	31	33	52	
66	40	33	33	-	
57	34	29	33	52	
48	29	24	33	-	
42	25	21	-	-	
40	24	20	33	-	
35	21	18	33	-	
31	18	15	33	-	
29	17	14	33	-	
29	17	14	-	-	
29	17	14	-	-	

## PVC Schedule 80 Pressure Ratings

Size	Pipe	Pressure Rating (psi) @ 73°F			
		Socket Fittings	Threaded Fittings	Flanges	Unions (Socket)
½"	850	510	425	150	235
¾"	690	414	345	150	235
1"	630	378	315	150	235
1¼"	520	312	260	150	235
1½"	470	282	235	150	235
2"	400	240	200	150	235
2½"	420	252	210	150	-
3"	370	222	185	150	235
4"	320	192	160	150	-
5"	290	174	145	-	-
6"	280	168	140	150	-
8"	250	150	125	150	-
10"	230	138	115	150	-
12"	230	138	115	150	-
14"	220	132	110	-	-
16"	220	132	110	-	-

Pipe	Pressure Rating (psi) @ 140°F				Unions (Socket)
	Socket Fittings	Threaded Fittings	Flanges	Unions (Socket)	
187	112	94	33	52	
152	91	76	33	52	
139	83	69	33	52	
114	69	57	33	52	
103	62	52	33	52	
88	53	44	33	52	
92	55	46	33	-	
81	49	41	33	52	
70	42	35	33	-	
64	38	32	-	-	
62	37	31	33	-	
55	33	28	33	-	
51	30	25	33	-	
51	30	25	33	-	
48	29	24	-	-	
48	29	24	-	-	

## NOTICE

Do not exceed the maximum working pressure of any system components including pipe, fittings, valves, molded or cut threads, unions, mechanical coupling or flanges.

- The pressure rating of all components must be reduced at temperatures above 73 degrees F. Refer to de-rating table in this manual.
- Exceeding the maximum working temperature or pressure of the system may result in system failure and property damage.