

CPVC Pipe

Chemkor CPVC Pipe



Fabco CPVC pipe is produced from a specialty blend of Corzan® CPVC material with unique physical properties desirable for piping applications (i.e., improved impact resistance and good fire resistance capabilities). CPVC piping systems can handle more than 75% of the temperature/pressure requirements of today's typical process plants. CPVC pressure pipe has an upper working temperature limit of 200°F (93°C). Fabco CPVC Pipe meets 25/50 Flame-Smoke Development Standards (CAN/ULC-S102.2).

As with all thermoplastic piping systems, CPVC's ability to withstand pressure varies with pipe diameter, wall thickness, and temperature. For pressure piping applications it is recommended for temperatures as high as 200°F (93°C) when appropriate temperature de-rating factors are applied. As the pipe diameter and temperature increases, the pressure rating of the product decreases.

MM	NOMINAL PIPE SIZE (IN)	PART NUMBER	OUTSIDE DIAMETER (IN)	MAX. INSIDE DIAMETER (IN)	MIN. WALL THICKNESS (IN)	WEIGHT PER 100 FEET	PRESSURE RATING AT 73.4°F
SCHEDULE 80- PLAIN END							
6	1/4 x 20 ft	020304	0.54	0.302	0.119	12	1130
12	1/2 x 20 ft	020307	0.84	0.546	0.147	24	850
20	3/4 x 20 ft	020308	1.05	0.742	0.154	33	690
25	1 x 20 ft	020309	1.315	0.957	0.179	49	630
32	1 1/4 x 20 ft	020310	1.66	1.278	0.191	67	520
40	1 1/2 x 20 ft	020311	1.9	1.5	0.2	81	470
50	2 x 20 ft	020312	2.375	1.939	0.218	109	400
65	2 1/2 x 20 ft	020313	2.875	2.323	0.276	165	425
75	3 x 20 ft	020314	3.5	2.9	0.3	221	375
100	4 x 20 ft	020316	4.5	3.826	0.337	323	320
150	6 x 20 ft	020318	6.625	5.761	0.432	617	280
200	8 x 20 ft	020319	8.625	7.625	0.5	937	250
250	10 x 20 ft	020320	10.75	9.564	0.593	1342	230
300	12 x 20 ft	020322	12.75	11.376	0.687	1846	230
350	14 x 20 ft	020324	14	12.41	0.75	2222	220
400	16 x 20 ft	020326	16	14.214	0.843	2856	220
SCHEDULE 40- PLAIN END							
12	1/2 x 10 ft	020204	0.84	0.622	0.109	16	590
20	3/4 x 10 ft	020207	1.05	0.824	0.113	22	480
25	1 x 10 ft	020308	1.315	1.049	0.133	32	450
32	1 1/4 x 10 ft	020209	1.66	1.38	0.14	43	370
40	1 1/2 x 10 ft	020210	1.9	1.61	0.145	52	330
50	2 x 10 ft	020211	2.375	2.069	0.154	69	280
65	2 1/2 x 10 ft	020212	2.875	2.469	0.203	109	300
75	3 x 10 ft	020213	3.5	3.068	0.216	144	260
100	4 x 20 ft	020214	4.5	4.026	0.237	203	220
125	5 x 20 ft	020216	5.563	5.017	0.258	273	190
150	6 x 20 ft	020218	6.625	6.031	0.28	354	180
200	8 x 20 ft	020219	8.625	7.943	0.322	531	160
250	10 x 20 ft	020220	10.75	9.976	0.356	753	140
300	12 x 20 ft	020222	12.75	11.89	0.406	995	130
350	14 x 20 ft	020224	14	13.072	0.438	1181	130
400	16 x 20 ft	020226	16	14.94	0.5	1542	130

Notes:

- Applicable pressure de-ratings at elevated temperatures apply. All Plastic Piping systems must be designed for potential Hydraulic Shock (water hammer), see Section 12, Engineering Data.
- We do not recommend schedule 40 pipe for threading. Schedule 80 pipe is recommended for threading. Not recommended for compressed air or gas service.
- Pipe also available up to 24" diameter upon request.