

PVC Fittings

SCHEDULE 40 PVC Pipe



Δ Do not test or use PVC piping for air or compressed gases.

Δ Care should be taken to avoid ketones, chlorinated hydrocarbon and aromatic solvents.

- IPS-Sized (inches) 1/4" through 24"
- Schedule 40 pipe is not suitable for threading
- Pipe sizes 1/4", 3/8", and 3-1/2" are grey in color. All other pipe is normally white
- Available in larger sizes on request

Pipe Size (In.)	Part Number	Approx. Wt/100 Ft. (Lbs.)	Maximum Working Pressure @ 73.4°F	Outside Diameter (In.)	Minimum Wall Thickness (In.)
1/4	400-002	8.1	780	.540	.088
3/8	400-003	10.9	620	.675	.091
1/2	400-005	16.4	600	.840	.109
3/4	400-007	21.8	480	1.050	.113
1	400-010	32.1	450	1.315	.133
1 1/4	400-012	43.4	370	1.660	.140
1 1/2	400-015	51.8	330	1.900	.145
2	400-020	69.5	280	2.375	.154
2 1/2	400-025	109.6	300	2.875	.203
3	400-030	143.5	260	3.500	.216
4	400-040	204.3	220	4.500	.237
5	400-050	272.6	190	5.563	.258
6	400-060	360.9	180	6.625	.280
8	400-080	545.3	160	8.625	.322
10	400-100	791.3	140	10.750	.365
12	400-120	1053.2	130	12.750	.406
14	400-140	1247.0	130	14.00	.437
16	400-160	1675.0	130	16.00	.500
18	400-180	2111.0	130	18.00	.562
20	400-200	2490.0	130	20.00	.593
24	400-240	3451.0	130	24.00	.687

Nipples & Fittings

PVC Fittings

SCHEDULE 80 PVC Pipe

Polyvinyl Chloride (PVC)

PVC is the most commonly used plastic material for manufacturing plastic pipe. It has a relatively high tensile strength and modulus of elasticity and, therefore, is stronger and more rigid than most other thermoplastics. Joining methods are by solvent cementing, threading (Schedule 80 only) or flanging.

PVC has been successfully in such areas as chemical processing, industrial plating, chilled water distribution, salt water, chemical drainage, and irrigation systems.

Pressure ratings given are solvent cemented systems. When adding valves, flanges or other components, the system must be derated to the rating of the lowest systems; flanged fittings are rated at 150 psi; union fittings are rated at 235 psi. See manufacturers' recommendations for other ratings.

- Conforms to ASTM D-1785, Type 1, Grade 1.
- National Sanitation Foundation (NSF) approved for pipe sizes 1/2" through 12" for use in potable water service.
- Service length: 20 feet.
- Handles temperatures up to 140°F.
- Not affected by soil in buried applications; requires water-based latex paint for outdoor, sunlight-exposed installations.
- Economical to install and maintain.
- Available in larger sizes on request.

- IPS-sized (inches) 1/8" through 24"
- Can be threaded.
- Normally gray in color.

Pipe Size (In.)	Part Number	Approx. Wt/100 Ft. (Lbs.)	Maximum Working Pressure @ 73.4°F	Outside Diameter (In.)	Minimum Wall Thickness (In.)
1/8	800-001	5.8	1225	.405	.095
1/4	800-002	10.1	1130	.540	.119
3/8	800-003	13.8	920	.675	.126
1/2	800-005	20.5	850	.840	.147
3/4	800-007	27.8	690	1.050	.154
1	800-010	40.4	630	1.315	.179
1 1/4	800-012	56.7	520	1.660	.191
1 1/2	800-015	68.9	470	1.900	.200
2	800-020	94.9	400	2.375	.218
2 1/2	800-025	144.9	425	2.875	.276
3	800-030	193.8	375	3.500	.300
3 1/2	800-035	232.2	350	4.000	.318
4	800-040	283.3	324	4.500	.337
5	800-050	386.7	290	5.563	.375
6	800-060	541.1	280	6.625	.432
8	800-080	821.9	250	8.625	.500
10	800-100	1227.7	230	10.750	.593
12	800-120	1710.4	230	12.750	.687
14	800-140	2126.0	220	14.00	.750
16	800-160	2732.0	220	16.00	.843
18	800-180	3440.0	220	18.00	.937
20	800-200	4009.1	220	20.00	1.031
24	800-240	5688.2	210	24.00	1.218

