



PVC PRESSURE RATED PIPE

PVC (polyvinylchloride) pipe has been installed in industrial applications such as chemical treatment processing, plating, cold water distribution, drainage and irrigation systems for over 30 years. PVC pipe is a strong, easy-to-handle material light enough that the average person can lift and carry a 20 foot section of 8" pipe.

Since PVC is made of a nearly inert material, it is not effected by electrolytic or galvanic corrosion. Its high strength-to-weight ratio and its flexible nature means PVC pipe will resist cracking or rupture.

PVC pipe is manufactured in a strict accordance to ASTM specifications (ASTM D-1784) and is available in a wide range of sizes and pressure ratings. The PVC used in plastic pipe is Type 1, Grade 1 PVC Cell Classification 12454-B.

PVC has the highest long term hydrostatic strength of any major thermoplastic used for piping.

Class 200 - SDR 21

Conforms to ASTM D-2241, D-1784 Cell Class 12454 A, B.

ITEM	CARTON	DESCRIPTION
07000120	1000	3/4 CL200 PVC BE PIPE
07000130	1000	1 CL200 PVC BE PIPE
07000240	1000	1-1/4 CL200 PVC BE PIPE
07000250	1000	1-1/2 CL200 PVC BE PIPE
07000260	1000	2 CL200 PVC BE PIPE
07000270	1460	2-1/2 CL200 PVC BE PIPE
07000280	1500	3 CL200 PVC BE PIPE
07000290	960	4 CL200 PVC BE PIPE
07000300	600	6 CL200 PVC BE PIPE

Class 315 - SDR 13.5

Conforms to ASTM D-2241, D-1784 Cell Class 12454 A, B.

ITEM	CARTON	DESCRIPTION
07000110	1000	1/2 CL315 PVC BE PIPE
07000360	2100	2 CL315 PVC BE PIPE
07000370	1460	2-1/2 CL315 PVC BE PIPE
07000380	1500	3 CL315 PVC BE PIPE
07000390	960	4 CL315 PVC BE PIPE

Schedule 40 Pipe

Conforms to ASTM D-1745, D-1785 Cell Class 12454 A, B.

ITEM	CARTON	DESCRIPTION
07000410	1000	1/2 SCH 40 PVC BE PIPE
07000420	1000	3/4 SCH 40 PVC BE PIPE
07000430	1000	1 SCH 40 PVC BE PIPE
07000440	1000	1-1/4 SCH 40 PVC BE PIPE
07000450	1000	1-1/2 SCH 40 PVC BE PIPE
07000460	1000	2 SCH 40 PVC BE PIPE
07000470	1460	2-1/2 SCH 40 PVC BE PIPE
07000480	1500	3 SCH 40 PVC BE PIPE
07000490	960	4 SCH 40 PVC BE PIPE
07000500	360	6 SCH 40 PVC BE PIPE
07000502	300	8 SCH 40/CL 160 BE PIPE
07000504	160	10 SCH 40 PVC BE PIPE
07000506	120	12 SCH 40 PVC BE PIPE

Schedule 40 PVC Pipe

Conforms to ASTM D-1785, Type 1 (normal impact), Grade 1, (high chemical resistance). This pipe also conforms to U.S. Product Standard PS 21-70 (supersedes U.S. Commercial Standard CS 207-60) as having the same O.D. dimensions as iron pipe. The National Sanitation Foundation (NSF) has approved pipe sizes 1/4" through 12" for use in potable water service. **Schedule 40 pipe should NOT be threaded.**

Schedule 80 Pipe

Conforms to ASTM D-1745, D-1784 Cell Class 12454 A, B.

ITEM	CARTON	DESCRIPTION
07000510	10000	1/2 SCH 80 PVC PE PIPE
07000520	8100	3/4 SCH 80 PVC PE PIPE
07000530	6300	1 SCH 80 PVC PE PIPE
07000540	3920	1-1/4 SCH 80 PVC PE PIPE
07000550	3020	1-1/2 SCH 80 PVC PE PIPE
07000560	2100	2 SCH 80 PVC PE PIPE
07000570	1460	2-1/2 SCH 80 PVC PE PIPE
07000580	1500	3 SCH 80 PVC PE PIPE
07000590	960	4 SCH 80 PVC PE PIPE
07000600	360	6 SCH 80 PVC PE PIPE
07000602	360	8 SCH 80 PVC PE PIPE

Schedule 80 PVC Pipe

Conforms to ASTM D-1785, Type 1 (normal impact), Grade 1, (high chemical resistance). This pipe also conforms to U.S. Product Standard PS 21-70 (supersedes U.S. Commercial Standard CS 207-60) as having the same O.D. dimensions as iron pipe. The National Sanitation Foundation (NSF) has approved pipe sizes 1/4" through 12" for use in potable water service. **Schedule 80 pipe should NOT be threaded.**

100 Foot Head

Conforms to ASTM S-376.1, ASTM D-1784 Cell Class 12454 A, B. **Regional distribution.**

ITEM	CARTON	DESCRIPTION
07001008	280	8 100 FT HEAD PVC PIPE
07001010	220	10 100 FT HEAD PVC PIPE
07001012	160	12 100 FT HEAD PVC PIPE
07001015	160	15 100 FT HEAD PVC PIPE
07001018	100	18 100 FT HEAD PVC PIPE
07001020	80	20 100 FT HEAD PVC PIPE

Class 100 SDR 41

Conforms to ASAE S-371.1, SCS 430DD, ASTM D-1784 Cell Class 12454-A, B. **Regional distribution.**

ITEM	CARTON	DESCRIPTION
07001812	120	12 CL 100 PSI PVC PIPE B E IPS
07001815	120	15 CL 100 PSI PVC PIPE B E PIP
07001818	200	18 CL 100 PSI PVC PIPE B E PIP

Note: For Pipe specifications, see page 36. For PVC Pipe Friction Loss Charts, refer to pages 296-298.

Polyethylene Irrigation Pipe

Conforms to ASTM D2239 requirements for PE3408 high density resin, SIRD 19 80 psi, SIRD 15 100psi. NSF listed.

Regional distribution.

ITEM	DESCRIPTION
07005120	3/4X100 80 PSI UTILITY PE PIPE
07005125	3/4X400 80PSI UTILITY PE PIPE
07005130	1 X100 80PSI UTILITY PE PIPE
07005135	1 X 300 80PSI UTILITY PE PIPE
07005140	1 1/4X100 80PSI UTILITY PE PIP
07005145	1 1/4X300 80PSI UTILITY PE PIP
07005150	1 1/2X100 80PSI UTILITY PE PIP
07005155	1 1/2X250 80PSI UTILITY PE PIP
07005160	2X100 80PSI UTILITY PE PIPE
07006620	3/4 X 100 125 PSI LLDPE PIPE
07006620	3/4 X 400 125 PSI LLDPE PIPE
07006630	1 X 100 125 PSI LLDPE PIPE
07006635	1 X 400 125 PSI LLDPE PIPE
07007035	1X300 80PSI NSF 3408 PE PIPE
07007120	3/4 X 100 100 PSI NSF 3408 PE PIPE
07007125	3/4 X 400 100PSI NSF 3408 PE PIPE
07007130	1 X 100 100PSI NSF 3408 PE PIPE
07007135	1 X 300 100PSI NSF 3408 PE PIPE
07007140	1-1/4 X 100 100PSI NSF 3408 PE P
07007150	1-1/2X 100 100PSI NSF 3408 PE P
07007160	2 X 100 100PSI NSF 3408 PE PIPE
07007220	3/4 X 100 125 PSI NSF 3408 PE PIP
07007225	3/4 X 300 125 PSI NSF 3408 PE PIP
07007230	1 X 100 125 PSI NSF 3408 PE PIP
07007235	1 X 300 125 PSI NSF 3408 PE PIPE
07007240	1-1/4 X 100 125 PSI NSF 3408 PE
07007250	1-1/2 X 100 125 PSI NSF 3408 PE
07007260	2 X 100 125 PSI NSF 3408 PE PIP
07008130	1X300 80PSI 3408 GRN/STRIPE PE
07009130	1X300 100PSI 3408 GRN/STRP PE

I.P.S. Flexible Sch. 40 PVC Hose

Offers more flexibility, durability and shock resistance to an irrigation system than standard PVC pipe can provide.

Conforms to ASTM D-2241, D-1784 Cell Class 12454 A, B.

ITEM	CARTON	DESCRIPTION
08008020	25	1/2 X 48 IN IPS PVC FLEX HOSE
08008024	200	1/2 X 200 FT IPS PVC FLEX HOSE
08008026	25	3/4 X 48 IN IPS PVC FLEX HOSE
08008030	200	3/4 X 200 FT IPS PVC FLEX HOSE
08008040	100	1 X 100 FT IPS PVC FLEX HOSE

PVC Spa Flex Hose

A smooth bore flexible PVC tubing for plumbing spas and pools or used as a suction or return line in other low pressure applications, such as ponds and water features.

Maximim Pressure Ratings @ 68° F

1/2", 3/4", 1"	100 PSI
1-1/2", 2"	70 PSI
3"	65 PSI

ITEM	DESCRIPTION
08009010	1/2IN X PVC BLK FLEX SPA HOSE 50
08009020	3/4IN X PVC BLK FLEX SPA HOSE 50
08009030	1IN X PVC BLK FLEX SPA HOSE 50'
08009050	1-1/2IN PVC BLK FLEX SPA HOSE 50'
08009060	2IN PVC BLK FLEX SPA HOSE 50'
08009080	3IN PVC BLK FLEX SPA HOSE 50'

Gasketed Twin Seal Sewer Pipe SDR-35

Conforms to ASTM C-3034 SDR, SCS listed ASTM D-1784.

ITEM	CARTON	DESCRIPTION
09001190	960	4 SDR 35 PVC SEWER PIPE GASKET
09001200	360	6 SDR 35 PVC SEWER PIPE GASKET
09001202	300	8 SDR 35 PVC SEWER PIPE GASKET
09001204	240	10 SDR 35 PVC SEWER PIPE GASKT
09001206	120	12 SDR 35 PVC SEWER PIPE GASKT

Size	3	4	6	8	10	12
OD	3.250	4.215	6.275	8.400	10.500	12.500
ID	3.030	3.975	5.915	7.920	9.900	11.780
WALL	.110	.120	.180	.240	.300	.360
LBS/100'	71.0	104	234	424	621.0	887.0
FT/LIFT 20'	1100	680	440	280	240	120

Class 200 Gasketed SDR-21

Conforms to ASTM D-2241, ASTM D-1784 cell class 12454-B, gaskets ASTM F477.

ITEM	CARTON	DESCRIPTION
09000460	2100	2 CL200 GASKETED PVC PIPE
09000470	1460	2-1/2 CL200 GASKETED PVC PIPE
09000480	1500	3 CL200 GASKETED PVC PIPE
09000490	960	4 CL200 GASKETED PVC PIPE
09000500	520	6 CL200 GASKETED PVC PIPE
09000502	400	8 CL200 GASKETED PVC PIPE
09000504	240	10 CL200 GASKETED PVC PIPE
09000506	120	12 CL200 GASKETED PVC PIPE

UVR-PVC Pipe SCH. 40

Solar Proof is an ultraviolet resistant (UVR) pipe recommended for above ground installations. Special formulation makes this brand of PVC pipe a smart replacement for galvanized pipe. Solar Proof will withstand the effects of sun rays and yet maintain its properties and perform well. Conforms to ASTM D-1785, ASTM D-1784, Cell Class 1245B. **Regional distribution.**

ITEM	CARTON	DESCRIPTION
48000410	1/2 SCH 40 UVR RESISTANT PIPE	
48000420	3/4 SCH 40 UVR RESISTANT PIPE	
48000430	1 SCH 40 UVR RESISTANT PIPE	
48000440	1-1/4 SCH 40 UVR RESISTANT PIP	
48000450	1-1/2 SCH 40 UVR RESISTANT PIP	
48000460	2 SCH 40 UVR RESISTANT PIPE	
48000470	2-1/2 SCH 40 UVR RESISTANT PIP	
48000480	3 SCH 40 UVR RESISTANT PIPE	
48000490	4 SCH 40 UVR RESISTANT PIPE	

Purple Reclaimed Water Pipe

Used for non-potable reclaimed water applications. Conforms to ASTM D1784, Type 1, Grade 1 PVC-1120, Cell Class 12454 B. **Regional distribution.**

ITEM	CARTON	DESCRIPTION
57000110	7200	1/2 CL 315 PURPLE RECLMD PIPE
57000120	8000	3/4 CL 200 PURPLE RECLMD PIPE
57000130	5500	1 CL 200 PURPLE RECLAIMED PIPE
57000240	4400	1-1/4 CL 200 PURPLE RECLM PIPE
57000250	3360	1-1/2 CL 200 PURPLE RECLM PIPE
57000260	2000	2 CL 200 PURPLE RECLAIMED PIPE
57000270	1360	2-1/2 CL 200 PURPLE RECLM PIPE
57000280	1100	3 CL 200 PURPLE RECLAIMED PIPE
57000290	680	4 CL 200 PURPLE RECLAIMED PIPE
57000300	440	6 CL 200 PURPLE RECLAIMED PIPE
57000360	2000	2 CL 315 PURPLE RECLAIMED PIPE
57000370	1360	2-1/2 CL 315 PURPLE RECLM PIPE
57000380	1100	3 CL 315 PURPLE RECLAIMED PIPE
57000390	680	4 CL 315 PURPLE RECLAIMED PIPE
57000410	7200	1/2 SCH 40 PURPLE RECLMD PIPE
57000420	8000	3/4 SCH 40 PURPLE RECLMD PIPE
57000430	5500	1 SCH 40 PURPLE RECLAIMED PIPE
57000440	4400	1-1/4 SCH 40 PURPLE RECLM PIPE
57000450	3360	1-1/2 SCH 40 PURPLE RECLM PIPE
57000460	2000	2 SCH 40 PURPLE RECLAIMED PIPE
57000470	1360	2-1/2 SCH 40 PURPLE RECLM PIPE
57000480	1100	3 SCH 40 PURPLE RECLAIMED PIPE
57000490	680	4 SCH 40 PURPLE RECLAIMED PIPE
57000970	1360	2-1/2 GASKET CL 200 RECLM PIPE
57000980	1100	3 GASKETED CL 200 RECLMD PIPE
57000990	680	4 GASKETED CL 200 RECLMD PIPE
57001000	440	6 GASKETED CL 200 RECLMD PIPE
57001002	280	8 GASKETED CL 200 RECLMD PIPE
57001004	760	10 GASKETED CL 200 RECLMD PIPE
57001006	620	12 GASKETED CL 200 RECLMD PIPE

CL 200

P.R. 200 - SDR 21 Conforms to: ASTM D2241, D1784 cell class 12454-A, B

Nominal Pipe Size	Outside Diameter	Inside Diameter	Min. Wall Thickness	Max. Pres. Working (P.S.I.)
1/2"	0.840	0.716	0.062	200
3/4"	1.050	0.930	0.060	200
1	1.315	1.189	0.063	200
1 1/4	1.660	1.502	0.079	200
1 1/2"	1.900	1.720	0.090	200
2	2.375	2.149	0.113	200
2 1/2"	2.875	2.601	0.137	200
3	3.500	3.166	0.167	200
4	4.500	4.072	0.214	200
6	6.625	5.993	0.316	200
8	8.625	7.740	0.410	200
10	10.750	9.650	0.511	200
12	12.750	11.450	0.606	200

CL 315

P.R. 315 - SDR 13.5 Conforms to: ASTM D2241, D1784 cell class 12454-A, B

Nominal Pipe Size	Outside Diameter	Inside Diameter	Min. Wall Thickness	Max. Pres. Working (P.S.I.)
1/2"	0.840	0.716	0.062	315
2	2.375	2.023	0.176	315
2 1/2"	2.875	2.449	0.231	315
3	3.500	2.982	0.259	315
4	4.500	3.834	0.333	315

Schedule 40

Schedule 40 Conforms to: ASTM D1785, D1785 cell class 12454-A, B

Nominal Pipe Size	Outside Diameter	Inside Diameter	Min. Wall Thick	Max. Pres. Working (P.S.I.)
1/2"	.840	.622	.109	600
3/4"	1.050	.824	.113	480
1	1.315	1.049	.133	450
1 1/4	1.660	1.380	.140	370
1 1/2"	1.900	1.610	.145	330
2	2.375	2.067	.154	280
2 1/2"	2.875	2.469	.203	300
3	3.500	3.068	.216	260
4	4.500	4.026	.237	220
6	6.625	6.065	.280	180
8	8.625	7.961	.332	160
10	10.750	9.976	.365	140
12	12.750	11.890	.406	130

Schedule 80

Schedule 80 - Conforms to: ASTM D1785, D1784 cell class 12454-A, B

Nominal Pipe Size	Outside Diameter	Inside Diameter	Min. Wall Thick	Max. Pres. Working (P.S.I.)
1/2"	.840	.546	.147	850
3/4"	1.050	.742	.154	690
1"	1.315	.957	.179	630
1-1/4"	1.660	1.278	.191	520
1-1/2"	1.900	1.500	.200	470
2"	2.375	1.939	.218	400
2 1/2"	2.875	2.323	.276	420
3"	3.500	2.900	.300	370
4"	4.500	3.826	.337	320
6"	6.625	5.761	.432	280
8"	8.625	7.565	.500	250
10"	10.750	9.492	.593	230
12"	12.750	11.294	.687	230

100 Foot Head

100 Foot Head - Conforms to: ASAE S376.1, ASTM D 1784 cell class 12454-A, B

Nominal Pipe Size	Outside Diameter	Inside Diameter	Min. Wall Thickness
8•	8.160	7.986	.087
10•	10.200	9.986	.107
12•	12.240	11.978	.131
15•	15.300	14.972	.164
18•	18.360	17.960	.200
20•	20.400	19.950	.225

• PIP - Plastic Irrigation Pipe Dimensions

CL 100

P.R. 100 - SDR 41 - Conforms to: ASAE S371.1, SCS 430DD•, ASTM D1784 cell class 1245-A,B

Nominal Pipe Size	Outside Diameter	Inside Diameter	Min. Wall Thickness
12	12.240	11.600	.299
15	15.300	14.554	.373
18	18.701	17.72	.456

• Dimension for diameters not included in SCS 430D are extrapolated.

UVR-PVC

UVR-PVC Pipe IPS Schedule 40 (20 Ft. lengths)

Size	O.D.	I.D.	Min. Wall	Working Pressure	Weight Per Lift
1/2"	.840	.622	.109	600	660
3/4"	1.050	.824	.113	480	789
1"	1.315	1.049	.133	450	1284
1-1/4"	1.660	1.380	.140	370	1736
1-1/2"	1.900	1.610	.145	330	1658
2"	2.375	2.067	.154	280	1251
2-1/2"	2.875	2.469	.203	300	1599
3"	3.500	3.068	.216	260	1665

For PVC Pipe Friction Loss Charts, refer to pages 296-298.