



Potable Water Sch80 Grey Solvent Weld Plain End

Specification

Pacific Plastics IPS Schedule series of PVC pipe is produced for use in the pressure applications in which the maximum operating temperature is 140°F. The compound is PVC 1120 Type 1 Grade 1, with a cell class of 12454B, per ASTM D1784.

Sch80 is produced in strict compliance to ASTM D1785 and is listed with NSF, and complies with NSF/ANSI Standard 14 and Standard 61.

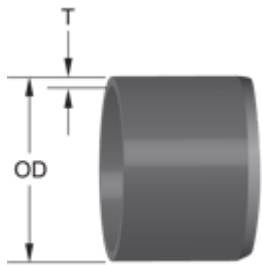
Sch80 pipe is installed per ASTM D2855. The joints should conform to ASTM D2672, the solvent cement to ASTM D2564 and the primer to ASTM F656.

Sch80 is for use in the Industrial applications:

- Sizes ½" – 12" are produced in Grey color, 20 foot lengths and Plain End.

The outside diameter and wall thickness of Sch80 pipe are measured in accordance to ASTM D2122 and are shown in the following table:

Size	OD	T	PSI
1/2	0.840	0.147	850
3/4	1.050	0.154	690
1	1.316	0.179	630
1 ¼	1.660	0.191	520
1 ½	1.900	0.200	470
2	2.375	0.218	400
2 ½	2.875	0.276	420
3	3.500	0.300	370
4	4.500	0.337	320
6	6.625	0.432	280
8	8.625	0.500	250
10	10.750	0.593	230
12	12.750	0.687	230
12	12.750	0.406	130



OD – Outside Diameter

T – Wall Thickness

PSI – Pressure Rating

Certification

This is to certify that, in this category of PVC pipe, all the products manufactured by Pacific Plastics have been inspected, sampled and tested in accordance with the following specifications and have been found to meet or exceed the requirements of those specifications.

Raw Materials

- PVC1120 Type1 Grade1
- Cell Class 12454
- ASTM D1784 Specification for Rigid PVC Compounds
- NSF Listed

PVC Pipe

- Sch40 White (Pressure/DWV)
- Solvent Weld Belled End
- 1/2" – 12" IPS
- 1/2", 3/4", 1" are marked for presure applications
- 1¼"-12" are dual marked for pressure and DWV applications
- ASTM D1785 Specification for PVC Pipe
- ASTM D2665 Specification for DWV Pipe
- ASTM D2672 Specification for IPS PVC Pipe Joints using solvent cement
- Complies with NSF / ANSI Standard 14
- Complies with NSF / ANSI Standard 61

Part Numbers

Size	Sch80 Plain
1/2	AP-80
3/4	BP-80
1	CP-80
1¼	DP-80
1½	EP-80

Size	Sch80 Plain
2	FP-80
2 ½	GP-80
3	HP-80
4	IP-80
5	
6	JP-80
8	KP-80
10	LP-80
12	MP-80

Price List

MULTIPLY

Size	Sch80 Plain
1/2	99.40
3/4	134.90
1	199.20
1 ¼	273.60
1 ½	331.20
2	470.40
2 ½	701.80
3	936.00
4	1370.40

Size	Sch80 Plain
5	
6	2615.00
8	3984.00
10	6124.80
12	8457.60

Loading Chart - IPS Pipe 20'

Size	Ft/L	L/T	Ft/T
1/2	7,200	44	316,000
3/4	8,000	32	256,000
1	5,500	30	165,000
1¼	4,400	28	123,000
1½	3,360	28	94,080
2	2,000	28	56,000
3	1,100	24	26,400
4	680	24	16,320
5	520	16	8,320
6	440	16	7,040
8	280	16	4,480
10	240	12	2,880
12	120	16	1,920

Weights - Potable Water SCH80

Size	Sch80
1/2	20.7
3/4	28.1
1	41.5
1 ¼	57.0
1 ½	69.0
2	98.0
2 ½	146.2
3	195.0
4	285.5
6	544.8
8	830.0
10	1276.0
12	1762.0

Attributes

Color

[Grey](#)

Fitting

[Solvent Weld](#)

Purpose

[Potable Water](#)

