



Potable Water Sch80 Grey Solvent Weld Belled 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

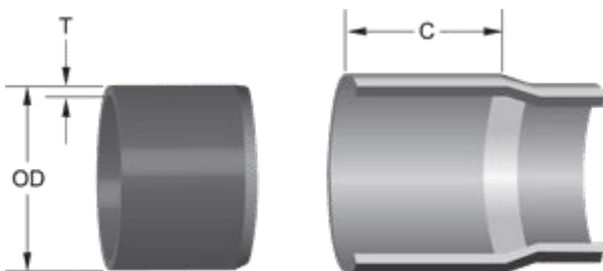
cement to ASTM D2564 and the primer to ASTM F656.

Sch80 is for use in the Industrial applications:

- Sizes 1/2" - 12" are produced in Grey color, 20 foot lengths and Belled 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	C	PSI
1/2	0.840	0.109	2.25	850
3/4	1.050	0.113	2.25	690
1	1.316	0.133	2.75	630
1 1/4	1.660	0.140	2.75	520
1 1/2	1.900	0.145	3.00	470
2	2.375	0.154	4.00	400
2 1/2	2.875	0.203	4.00	420
3	3.500	0.216	4.00	370
4	4.500	0.237	5.25	320
6	6.625	0.280	6.75	280
8	8.625	0.322	6.00	250
10	10.750	0.365	7.50	230
12	12.750	0.406	8.50	230
12	12.750	0.406		130



OD – Outside Diameter

C – Approximate Bell Depth

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

- Sch80 Grey
- Solvent Weld Belled End
- 1/2" – 12" IPS
- ASTM D1785 Specification for PVC 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 Bell
1/2	AB-80
3/4	BB-80
1	CB-80

Size	Sch80 Bell
1¼	DB-80
1½	EB-80
2	FB-80
2½	GB-80
3	HB-80
4	IB-80
6	JB-80
8	KB-80
10	LB-80
12	MB-80

Price List

MULTIPLY

Size	Sch80 Bell
1/2	106.00
3/4	142.00
1	210.00
1¼	288.00
1½	348.00
2	494.00
2½	738.00

Size	Sch80 Bell
3	984.00
4	1440.00
6	2746.00
8	4184.00
10	6432.00
12	8882.00

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

Size	Ft/L	L/T	Ft/T
12	120	16	1,920

Weights - Potable Water SCH80

Size	Sch80
1/2	20.7
3/4	28.1
1	41.5
1¼	57.0
1½	69.0
2	98.0
2½	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
