



# SPECIFICATION

## IPS SOLVENT WELD GREY SCH80

IPS SOLVENT WELD PVC

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:

### DIMENSIONS

Size (inch)	OD (Outside Diameter)	T (Wall Thickness)	PSI (Pressure Rating)
½	0.840	0.147	850
¾	1.050	0.154	690
1	1.315	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

### WEIGHTS

Size (inch)	LBS/100'
½	20.70
¾	28.10
1	41.50
1 ¼	57.00
1 ½	69.00
2	98.00
2 ½	146.20
3	195.00
4	285.50
6	544.80
8	830.00
10	1276.00
12	1762.00

