



# SPECIFICATION

## IPS SOLVENT WELD PURPLE SDR'S CYCLE FLOW

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Plastics IPS SDR 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.

The SDR series listed below, is produced in strict compliance to ASTM D2241. It is listed with NSF and complies with NSF/ANSI Standard 14 and Standard 61.

SDR series of PVC pipe are installed per ASTM D2855. The joints should conform to ASTM D2672, the solvent cement to ASTM D2564 and the primer to ASTM F656.

Cycle Flow SDR13.5, SDR21 for use in the Reclaimed Water applications  
Sizes 1 / 2" - 8" are produced in Purple color, 20 foot lengths and Belled End.

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

Our Schedule series of PVC pipe is produced in the following categories:

### DIMENSIONS

Size (inch)	OD (Outside Diameter)	C (Approx Bell Depth)	T 315 PSI SDR13.5	T 200 PSI SDR21
1/2	0.840	0.109	1.00	-
3/4	1.050	0.113	1.25	0.060
1	1.315	1.50	-	0.063
1 1/4	1.660	1.75	-	0.079
1 1/2	1.900	2.00	-	0.090
2	2.375	2.25	0.176	0.113
2 1/2	2.875	2.50	0.213	0.137
3	3.500	3.25	0.259	0.167
4	4.500	4.00	0.333	0.214
6	6.625	6.00	-	0.316
8	8.625	6.00	-	0.410

### WEIGHTS

Size (inch)	T 315 PSI SDR13.5	T 200 PSI SDR21
1/2	16.30	600
3/4	21.50	480
1	32.50	450
1 1/4	43.40	370
1 1/2	51.80	330
2	69.60	280
2 1/2	110.00	300
3	144.00	260
4	205.00	220
6	362.80	180
8	566.00	160

**Size** Inch  
**OD** Outside Diameter  
**T** Thickness  
**C** Approx. Bell Depth  
**PSI** Pressure Rating

