



Reclaimed Water SDR's Purple Solvent Weld

Specification

Pacific 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.

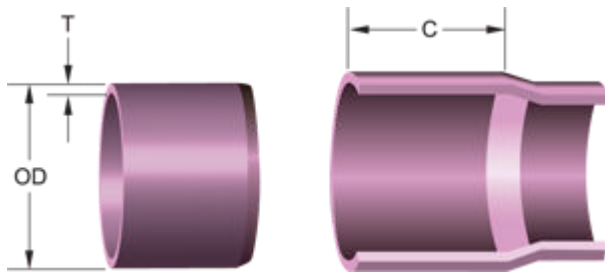
Cycle Flow SDR13.5, SDR21 for use in the Reclaimed Water applications:

- 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:

Size	OD	C	T - SDR13.5	T - SDR21
1/2	0.840	1.00	0.109	
3/4	1.050	1.25	0.113	0.060
1	1.315	1.50		0.063
1¼	1.660	1.75		0.079
1½	1.900	2.00		0.090
2	2.375	2.25	0.176	0.113
2½	2.874	2.50	0.213	0.137
3	3.500	3.25	0.259	0.167
4	4.500	4.00		0.214
6	6.625	6.00		0.316
8	8.625	6.00		0.410



OD – Outside Diameter

T – Wall Thickness

C – Approximate Bell Depth

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

- SDR13.5 (CI315), SDR21 (CI200) Purple
- 1/2" – 12" IPS
- ASTM D2241 Specification for PVC Pressure Rated Pipe
- ASTM D2672 Specification for Joints for PVC Pipe using Solvent Cement
- Complies with NSF / ANSI Standard 14
- Complies with NSF / ANSI Standard 61

Part Numbers

Size	T - SDR13.5	T - SDR21
1/2	AC-315	
3/4	BC-315	BC-200
1		CC-200
1 1/4		DC-200
1 1/2		EC-200
2	FC-315	FC-200
2 1/2	GC-315	GC-200
3	HC-315	HC-200
4	IC-315	IC-200
6		JC-200

Size	T - SDR13.5	T - SDR21
8		KC-200

Price List

MULTIPLY

Size	T - SDR13.5	T - SDR21
1/2	46.00	
3/4	-	56.60
1		74.10
1¼		117.30
1½		154.10
2	363.40	242.90
2 ½	529.00	356.10
3	786.60	521.20
4	1297.20	858.80
6		1866.70
8		-

Loading Chart - IPS Pipe 20'

Size	Ft/L	L/T	Ft/T
1/2	7,200	44	316,000

Size	Ft/L	L/T	Ft/T
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 - Reclaimed Water SDR Solvent Weld

Size	SDR13.5	SDR21
1/2	10.0	
3/4		12.3
1		16.1
1¼		25.5
1½		33.5
2	79.0	52.8
2½	115.0	77.4

Size	SDR13.5	SDR21
3	171.0	113.3
4	282.0	186.7
6		405.8

Attributes

Color

[Purple](#)

Fitting

[Solvent Weld](#)

Purpose

[Reclaimed Water](#)