



Reclaimed Water SDR's Purple Gasketed

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, per ASTM D1784.

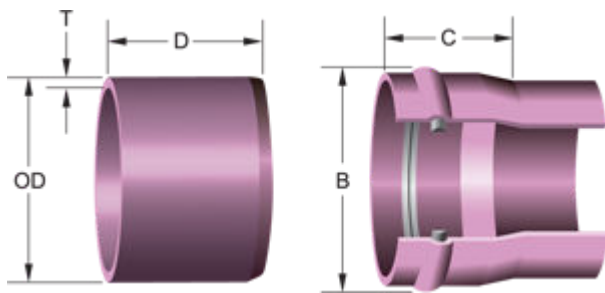
Each one of the categories of our SDR series listed below is produced in strict compliance to ASTM D2241. It is listed with NSF and complies with NSF/ANSI Standard 14 and Standard 61.

The IPS Gasketed SDR Series of PVC pipe are produced with an integral bell that includes a factory installed Reiber gasket in the bell. The gaskets will conform to ASTM F477, and the assembled gasketed joints conform to ASTM D3139.

Cycle Flow SDR21 for use in Reclaimed Water applications. Sizes 2" – 12" are produced in Purple color, 20 foot lengths and Gasketed.

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:

Size	OD	T	B	C	D
2	2.735	0.113	3.00	3.75	2.65
2 ½	2.875	0.137	3.50	4.50	3.40
3	3.500	0.167	4.50	4.80	3.65
4	4.500	0.214	6.00	5.35	4.20
6	6.625	0.316	8.25	7.30	5.65
8	8.625	0.410	10.75	8.65	6.40
10	10.750	0.511	13.50	9.25	7.00
12	12.750	0.606	15.75	10.25	8.00



OD – Outside Diameter

T – Wall Thickness

B – Approximate Bell Diameter

C – Approximate Bell Depth

D – Insert Mark

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 Specifi cation for Rigid PVC Compounds
- NSF Listed

PVC Pipe

- SDR21(CI200) Purple
- Gasketed (using Rieber Elastomeric Seals to join)
- 2” – 12” IPS
- ASTM D2241 Specifi cation for PVC Pressure Rated Pipe
- ASTM D3139 Specifi cation for Joints for Gasketed PVC Pressure Pipe
- ASTM F477 Specifi cation for Flexible Elastomeric Seals (Gaskets)
- Complies with NSF / ANSI Standard 14
- Complies with NSF / ANSI Standard 61

Part Numbers

Size	SDR21
2	FC-R200
2 ½	GC-R200
3	HC-R200
4	IC-R200
6	JC-R200
8	KC-R200
10	LC-R200
12	MC-R200

Price List

MULTIPLY

Size	SDR21
2	-
2 ½	-
3	566.50
4	933.50
6	2029.00
8	3400.00
10	5305.00
12	7470.00

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
1 ¼	4,400	28	123,000
1 ½	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

Size	Ft/L	L/T	Ft/T
8	280	16	4,480
10	240	12	2,880
12	120	16	1,920

Weights - Reclaimed Water SDR Gasket

Size	SDR21
1/2	
3/4	12.3
1	16.1
1¼	25.5
1½	33.5
2	52.8
2½	77.4
3	113.3
4	186.7
6	405.8

Attributes

Color

[Purple](#)

Fitting

[Gasketed](#)

Purpose

[Reclaimed Water](#)

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