



Potable Water SDR's White 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.

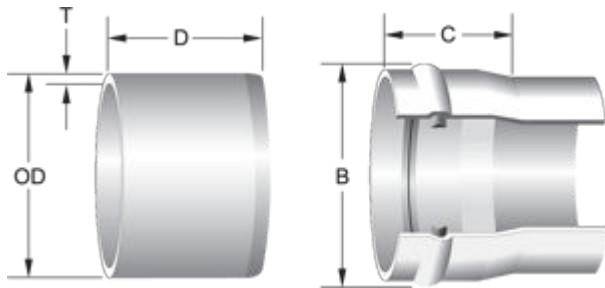
Our IPS Gasketed SDR Series of PVC pipe is produced in the following categories:

- White SDR21, SDR26, SDR32.5, SDR41, SDR64 for use in potable water applications.

- Sizes 2" – 12" are produced in White 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	B	C	D	T - SDR21	T - SDR26	T - SDR32.5	T - SDR41	T - SDR64
2	2.375	3.00	3.75	2.65	0.113	0.091	0.073		
2 ½	2.875	3.50	4.50	3.40	0.137	0.110	0.088		
3	3.500	4.50	4.80	3.65	0.167	0.135	0.108	0.085	
4	4.500	6.00	5.35	4.20	0.214	0.173	0.138	0.110	
6	6.625	8.25	7.30	5.65	0.316	0.255	0.204	0.162	0.104
8	8.625	10.75	8.65	6.40	0.410	0.332	0.265	0.210	0.135
10	10.750	13.50	9.25	7.00	0.511	0.413	0.331	0.262	0.168
12	12.750	15.75	10.25	8.00	0.606	0.490	0.392	0.311	0.199



OD – Outside Diameter

B – Approximate Bell Diameter

C – Approximate Bell Depth

D – Insert Mark

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

- SDR21(CI200), SDR26(CI160), SDR32.5(CI125), SDR41(CI100), SDR64(CI63) White
- Gasketed (using Rieber Elastomeric Seals to join)
- 2” – 12” IPS
- ASTM D2241 Specification for PVC Pressure Rated Pipe
- ASTM D3139 Specification for Joints for Gasketed PVC Pressure Pipe
- ASTM F477 Specification for Flexible Elastomeric Seals (Gaskets)
- Complies with NSF / ANSI Standard 14
- Complies with NSF / ANSI Standard 61

Part Numbers

Size	SDR21	SDR26	SDR32.5	SDR41	SDR64
2	FR-200	FR-160			
2 ½	GR-200	GR-160			
3	HR-200	HR-160	HR-125		
4	IR-200	IR-160	IR-125	IR-100	
6	JR-200	JR-160	JR-125	JR-100	JR-63
8	KR-200	KR-160	KR-125	KR-100	KR-63
10	LR-200	LR-160	LR-125	LR-100	LR-63
12	MR-200	MR-160	MR-125	MR-100	MR-63

Price List

					MULTIPLY
Size	SDR21	SDR26	SDR32.5	SDR41	SDR64
2	—	—			
2 ½	—	—			
3	490.00	406.00	322.00		
4	806.00	666.00	530.00	426.00	
6	1754.00	1428.00	1140.00	922.00	684.00
8	2938.00	2444.00	1946.00	1562.00	1026.00
10	4584.00	3740.00	2994.00	2382.00	1626.00
12	6454.00	5266.00	4200.00	3200.00	2268.00

Loading Chart - SDR

Size	22ft - Ft/L	L/T	Ft/T
4	748	24	17,952
6	484	16	7,744
8	308	16	4,928
10	264	12	3,168
12	132	16	2,112
15	132	12	1,584
18	132 / 88	-	1,100

Weights - IPS Pipe

Size	Sch40	Sch80	SDR13.5	SDR21	SDR26	SDR32.5	SDR41	SDR64
1/2	16.3	20.7	10.0			7.8		
3/4	21.5	28.1		12.3		10.1		
1	32.5	41.5		16.1		14.9		
1¼	43.4	57.0		25.5	21.0	18.6		
1½	51.8	69.0		33.5	27.5	22.1		
2	69.6	98.0	79.0	52.8	42.9	34.5		
2½	110.0	146.2	115.0	77.4	62.8	50.0		
3	144.0	195.0	171.0	113.3	93.8	75.5	59.8	
4	205.0	285.5	282.0	186.7	154.4	124.2	99.5	
6	362.8	544.8		405.8	330.6	266.5	215.6	139.0
8	566.0	830.0		680.0	566.0	455.0	365.0	235.0
10	769.0	1276.0		1061.0	866.0	700.0	557.0	365.0
12	1017.0	1762.0		1494.0	1219.0	983.0	748.0	512.0

Attributes

Color

[White](#)

Fitting

[Gasketed](#)

Purpose

[Potable Water](#)

