



Potable Water SDR's White 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.

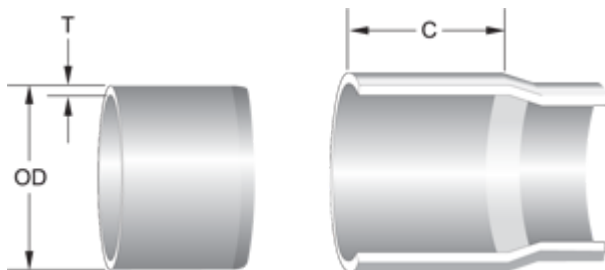
SDR series of PVC pipe are installed per ASTM D2855. The joints should conform to ASTM D2672, the solvent cement to ASTM D2564 and the primer to ASTM F656.

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

- White SDR 13.5, SDR21, SDR26, SDR32.5, SDR41, SDR64 for use in Potable Water applications.
- Sizes 1/2" – 12" are produced in White 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:

Size	OD	C	T - SDR13.5	T - SDR21	T - SDR26	T - SDR32.5	T - SDR41	T - SDR64
1/2	0.840	1.00	0.062			0.045		
3/4	1.050	1.25		0.060		0.048		
1	1.315	1.50		0.063		0.052		
1 ¼	1.660	1.75		0.079	0.064	0.056		
1 ½	1.900	2.00		0.090	0.073	0.058		
2	2.375	2.25	0.176	0.113	0.091	0.072		
2 ½	2.875	2.50	0.213	0.137	0.110	0.087		
3	3.500	3.25	0.259	0.167	0.135	0.108	0.085	
4	4.500	4.00	0.333	0.214	0.173	0.138	0.110	
5	5.563	4.50					0.136	
6	6.625	6.00		0.316	0.255	0.204	0.162	0.104
8	8.625	6.00		0.410	0.322	0.265	0.210	0.135
10	10.750	7.50		0.511	0.413	0.331	0.262	0.168
12	12.750	8.50		0.606	0.490	0.392	0.311	0.199



OD – Outside Diameter

T – Wall Thickness

C – Approximate Bell Depth

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

- SDR13.5(CI315), SDR21(CI200), SDR26(CI160), SDR32.5(CI125), SDR41(CI100), SDR64(CI63) White
- Solvent Weld Belled End
- 2" – 12" IPS
- ASTM D2241 Specification for PVC Pressure Rated Pipe
- ASTM D2672 Specification for Joints for Gasketed PVC Pressure Pipe
- Complies with NSF / ANSI Standard 14
- Complies with NSF / ANSI Standard 61

Part Numbers

Size	SDR13.5	SDR21	SDR26	SDR32.5	SDR41	SDR64
1/2	AB-315			0.045		
3/4		BB-200		0.048		
1		CB-200		CB-125		
1¼		DB-200	DB-160	DB-125		
1½		EB-200	EB-160	EB-125		
2	FB-315	FB-200	FB-160	FB-125		

Size	SDR13.5	SDR21	SDR26	SDR32.5	SDR41	SDR64
2 ½	GB-315	GB-200	GB-160	GB-125		
3	HB-315	HB-200	HB-160	HB-125	HB-100	
4	IB-315	IB-200	IB-160	IB-125	IB-100	
5				VB-125	VB-100	
6		JB-200	JB-160	JB-125	JB-100	JB-63
8		KB-200	KB-160	KB-125	KB-100	KB-63
10		LB-200	LB-160	LB-125	LB-100	LB-63
12		MB-200	MB-160	MB-125	MB-100	MB-63

Price List

MULTIPLY

Size	SDR13.5	SDR21	SDR26	SDR32.5	SDR41	SDR64
1/2	40.00			31.70		
3/4		49.20		41.00		
1		64.40		60.50		
1 ¼		102.00	84.00	75.50		
1 ½		134.00	110.00	89.70		
2	316.00	211.20	171.60	140.00		
2 ½	460.00	309.60	251.20	203.00		
3	684.00	453.20	375.20	306.50	242.80	
4	1128.00	746.80	617.60	504.20	404.00	
5				723.90	617.00	

Size	SDR13.5	SDR21	SDR26	SDR32.5	SDR41	SDR64
6		1623.20	1322.40	1082.00	875.30	649.60
8		2720.00	2264.00	1847.30	1481.90	974.40
10		4244.00	3464.00	2842.00	2261.40	1542.80
12		5976.00	4876.00	3991.00	3036.90	2151.80

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
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 - 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

[Solvent Weld](#)

Purpose

[Potable Water](#)

