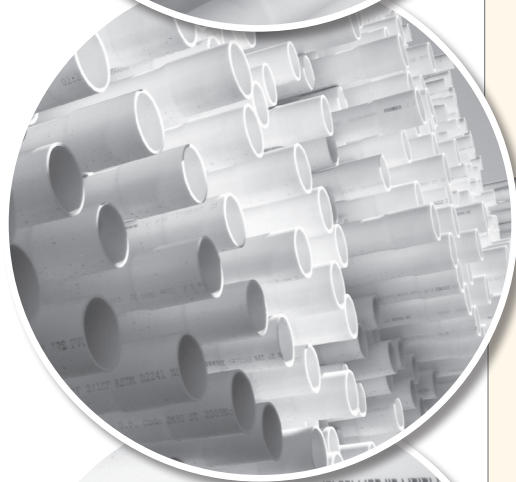




# SOLVENT WELD SDR SERIES

MEETS ASTM D2241.



## APPLICATIONS

JM Eagle Solvent Weld SDR Series pipes are suitable for use in pressurized irrigation applications.

## DESCRIPTION

JM Eagle's PVC Solvent Weld pressure-rated pipes come in SDR 41 (100 psi), SDR 32.5 (125 psi), SDR 26 (160 psi), SDR 21 (200 psi) and SDR 13.5 (315 psi). The pipes are available in 20-foot lengths, bell end, in ½- to 12-inch diameters. Solvent Weld joints are designed to provide a rigid (or restrained) joint connection, and the schedule-rated products are specifically engineered for use in partial support systems above ground. JM Eagle also manufactures this pipe in purple for reclaimed water systems.

## BENEFITS

- JM Eagle Solvent Weld SDR series pipe is cost-effective and long-lasting.**
- It can be field-cut with a power saw or ordinary handsaw without the use of expensive or complicated machinery.
- Easy to load, transport and handle, installers prefer it because it goes into the ground quickly, saving installation costs.
- It maintains performance against tuberculation, corrosion and external galvanic soil conditions without lining wrapping, coating or cathodic protection.
- It keeps its smooth interior over long years of service with virtually no loss in carrying capacity, allowing for savings in pumping costs, as well as savings on the size of the pipe required.
- It can be connected directly to most plumbing and IPS fixtures without complicated procedures or adapters, as well as into CIOD fittings with adapters and/or transition gaskets.
- A cured joint of JM Eagle Solvent Weld schedule series pipe offers a zero-leak joint that is structurally sound.



# SOLVENT WELD SDR SERIES

## SUBMITTAL AND DATA SHEET

### JM EAGLE™ PVC SOLVENT WELD PRESSURE RATED PIPE

Specifications: ASTM D2241 : :

Listed : ANSI/NSF - Standard 61, Standard 14

NOM. PIPE SIZE (IN)	O.D. (IN)	100 PSI/ SDR 41† MIN. T. (IN)	NOM. I.D. (IN)	125 PSI/ SDR 32.5† MIN. T. (IN)	NOM. I.D. (IN)	160 PSI/ SDR 26 MIN. T. (IN)	NOM. I.D. (IN)
1/2	0.840	—	—	—	—	—	—
3/4	1.050	—	—	—	—	—	—
1	1.315	—	—	—	—	0.060	1.188
1-1/4	1.660	—	—	0.060	1.533	0.064	1.524
1-1/2	1.900	—	—	0.060	1.773	0.073	1.745
2	2.375	—	—	0.073	2.220	0.091	2.182
2-1/2	2.875	—	—	0.088	2.688	0.110	2.642
3	3.500	0.085	3.320	0.108	3.271	0.135	3.214
4	4.500	0.110	4.267	0.138	4.207	0.173	4.133
5	5.563	0.136	5.275	0.171	5.200	0.214	5.109
6	6.625	0.162	6.282	0.204	6.193	0.255	6.084
8	8.625	0.210	8.180	0.265	8.063	0.332	7.921
10	10.750	0.262	10.195	0.331	10.048	0.413	9.874
12	12.750	0.311	12.091	0.392	11.919	0.490	11.711

NOM. PIPE SIZE (IN)	O.D. (IN)	200 PSI/ SDR 21 MIN. T. (IN)	NOM. I.D. (IN)	250 PSI/ SDR 17 MIN. T. (IN)	NOM. I.D. (IN)	315 PSI/ SDR 13.5 MIN. T. (IN)	NOM. I.D. (IN)
1/2	0.840	—	—	—	—	0.062	0.709
3/4	1.050	0.060	0.923	0.062	0.919	0.078	0.885
1	1.315	0.063	1.181	0.077	1.152	0.097	1.109
1-1/4	1.660	0.079	1.493	0.098	1.452	0.123	1.399
1-1/2	1.900	0.090	1.709	0.112	1.663	0.141	1.601
2	2.375	0.113	2.135	0.140	2.078	0.176	2.002
2-1/2	2.875	0.137	2.585	0.169	2.517	0.213	2.423
3	3.500	0.167	3.146	0.206	3.063	0.259	2.951
4	4.500	0.214	4.046	0.265	3.938	0.333	3.794
5	5.563	0.265	5.001	0.327	4.870	0.412	4.690
6	6.625	0.316	5.955	0.390	5.798	0.491	5.584
8	8.625	0.410	7.756	0.508	7.548	—	—
10	10.750	0.511	9.667	0.632	9.410	—	—
12	12.750	0.606	11.465	0.750	11.160	—	—

Product Standard: ASTM D2241 Pressure Pipe  
 Pipe Compound: ASTM D1784 Cell Class 12454  
 Certifications: ANSI/NSF Standard 61  
 ANSI/NSF Standard 14  
 End Finish: Plain End or Belled End  
 Pipe Length: 20 feet overall  
 Installation: JM Eagle™ Installation Guide

:: Standard Color: White, Standard Length: 20' Overall, Belled End Only. Purple Color for Reclaim, contact your sales rep for availability.  
 † Available in Western Region Only.  
 \* Prior to ordering or specifying, please consult JM Eagle™ for product and/or listing availability.