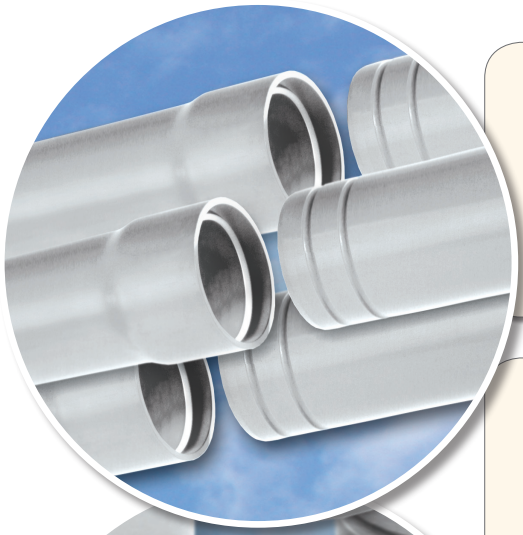
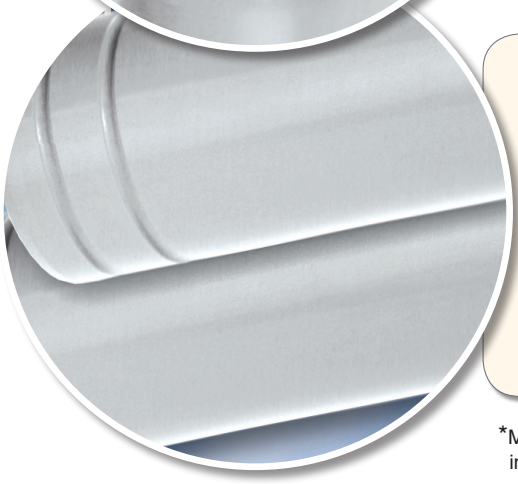
JM Eagle™

Building essentials for a better tomorrow™

EAGLE LOC WELL CASING™

MEETS ASTM D1784, F480*, AND ANSI/NSF STANDARD 61.





APPLICATIONS

JM Eagle's Eagle Loc Well Casing is suitable for any domestic, municipal, industrial and dewatering application where solvent-weld PVC well casing is used.

DESCRIPTION

JM Eagle's Eagle Loc Well Casing features a spline-locking system that requires no cementing or fusion welding. Its design lends itself to open-trench construction, as well as horizontal direction drilling. An insertion line at the spigot end aids in the alignment process.

Available in 5-inch and 6-inch diameters in SDR 21; 4½-, 5- and 6-inch diameters in SDR 17; and 4-, 4½ and 6-inch diameters in Schedule 40, Eagle Loc Well Casing is manufactured from the highest quality PVC compound and comes in 20-foot hanging lengths.

It meets the requirements of ANSI/NSF Standard 61 and the stiffness, flattening (crush resistance), impact and puncture test requirements of ASTM F 480.

JM Eagle supplies approved lubricant, splines and O-rings with every order.

BENEFITS

- In HDD applications, Eagle Loc Well Casing provides high pulling capacity with maximum joint connection.
- Totally corrosion-free.
- Its chamfered spigot end makes for easy assembly, plus it's easy to disassemble for reuse.

*Manufacturing dimensions and testing will meet pipe Stiffness, Flattening, Impact and Tup Puncture in accordance to specification ASTM F480.

Revised 2/8/2012. This information may have been updated. Please download the latest version at www.jmeagle.com/onesheets.

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SUBMITTAL AND DATA SHEET

Material Properties per ASTM D 1784			
Properties	**Standard**	**Unit**	**Value**
Tensile Strength	ASTM D 638	psi	7,000
Modulus of Elasticity in Tension	ASTM D 638	psi	400,000
Izod Impact Strength	ASTM D 256	ft-lb/inch of notch	0.65
Deflection Temperature at 264 psi stress	ASTM D 648	°F	158
Flammability	ASTM D 635	seconds	<10

SDR 21							
Nominal Pipe Size (inches)	**Maximum Bell Outside Diameter (inches)**	**Average Outside Diameter (inches)**	**Approximate Inside Diameter (inches)**	**Minimum Wall Thickness (inches)**	**Max Allowable Tensile Load on Joints (lbs)**	**Ultimate Collapse Pressure(psi)**	**Approximate Weight (lbs/100 ft)**
5	6½	5.563	5.01	0.265	5,900	110	290
6	7¾	6.625	5.96	0.316	8,800	110	410

SDR 17							
Nominal Pipe Size (inches)	**Maximum Bell Outside Diameter (inches)**	**Average Outside Diameter (inches)**	**Approximate Inside Diameter (inches)**	**Minimum Wall Thickness (inches)**	**Max Allowable Tensile Load on Joints (lbs)**	**Ultimate Collapse Pressure(psi)**	**Approximate Weight (lbs/100 ft)**
4½	5¾	4.950	4.34	0.291	4,700	210	280
5	6½	5.563	4.88	0.327	8,500	210	350
6	7¾	6.625	5.81	0.390	10,000	210	500

Schedule 40							
Nominal Pipe Size (inches)	**Maximum Bell Outside Diameter (inches)**	**Average Outside Diameter (inches)**	**Approximate Inside Diameter (inches)**	**Minimum Wall Thickness (inches)**	**Max Allowable Tensile Load on Joints (lbs)**	**Ultimate Collapse Pressure(psi)**	**Approximate Weight (lbs/100 ft)**
4	5¼	4.500	4.00	0.237	3,700	150	210
4½	5¾	4.950	4.43	0.248	4,500	130	240
6	7¾	6.625	6.04	0.280	7,600	77	370