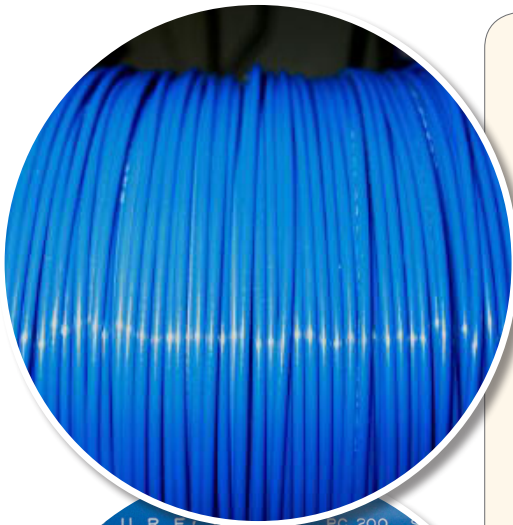




Building essentials  
for a better tomorrow™

# PURE-CORE

MEETS ASTM D2239 AND D2737, AWWA C901 AND PE 3408  
MEETING CELL CLASS 345464A.



## APPLICATIONS

JM Eagle's Pure-Core high-density polyethylene pipes and tubing are suitable for water service lines.

## DESCRIPTION

JM Eagle's Pure-Core HDPE pipe is available in ¾-, 1-, 1 ¼-, 1 ½- and 2-inch diameters, and comes in 100- to 500-foot coils.

Produced with a blue exterior and natural interior, it meets the requirements by an increasing number of cities to color-code water lines. It connects water service main-to-meters and meter-to-house.

Pure-Core is easily joined to water mains, pumps and meters using fittings specifically designed for PE pipe.

Service Line SDR 7 and SDR 9 pipe meet the requirements of ASTM D 2239 for pressure-rated pipe and AWWA C901 for pressure-class pipe.

Service Line SDR 9 CTS tubing meets the requirements of ASTM D 2737 for pressure-rated pipe and AWWA C901 for pressure class pipe.

SDR 7 pipe is compatible with IPS inside diameter fittings.

## BENEFITS

**JM Eagle's Pure-Core pipe and tubing is the superior choice for water service lines because it:**

- Does not rust, corrode or accumulate mineral deposits or chemicals.
- Resists growth of algae, bacteria and fungi.
- Boasts high flexibility, allowing it to be curved over, under and around obstacles for easy installation.
- Contains a UV inhibitor for temporary storage.
- Weighs less than copper, size for size.
- Facilitates rapid, joint-free installation with long coil lengths.
- Features color-coded tags for easy identification of product and pressure rating.

Revised 11/1/2010. This information may have been updated. Please download the latest version at [www.jmeagle.com/onesheets](http://www.jmeagle.com/onesheets).



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# PURE-CORE

## SUBMITTAL AND DATA SHEET

### P.R./P.C. 200 PSI - SDR 9 CTS

Nominal Pipe Size (inches)	Approximate Outside Diameter (inches)	Average Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
3/4	0.875	0.66	0.097	10
1	1.125	0.85	0.125	17
1 1/4	1.375	1.04	0.153	26
1 1/2	1.625	1.25	0.181	36
2	2.125	1.62	0.236	62

### P.R./P.C. 200 PSI - SDR 7 (compatible with insert fittings)

Nominal Pipe Size (inches)	Approximate Outside Diameter (inches)	Average Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
3/4	1.07	0.824	0.118	15
1	1.37	1.049	0.150	25
1 1/4	1.80	1.380	0.197	43
1 1/2	2.10	1.610	0.230	59
2	2.66	2.067	0.295	94

### P.R./P.C. 160 PSI - SDR 9

Nominal Pipe Size (inches)	Approximate Outside Diameter (inches)	Average Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approximate Weight (lbs/100')
3/4	1.01	0.824	0.092	12
1	1.28	1.049	0.117	20
1 1/4	1.69	1.380	0.153	33
1 1/2	1.97	1.610	0.179	44
2	2.53	2.067	0.230	74