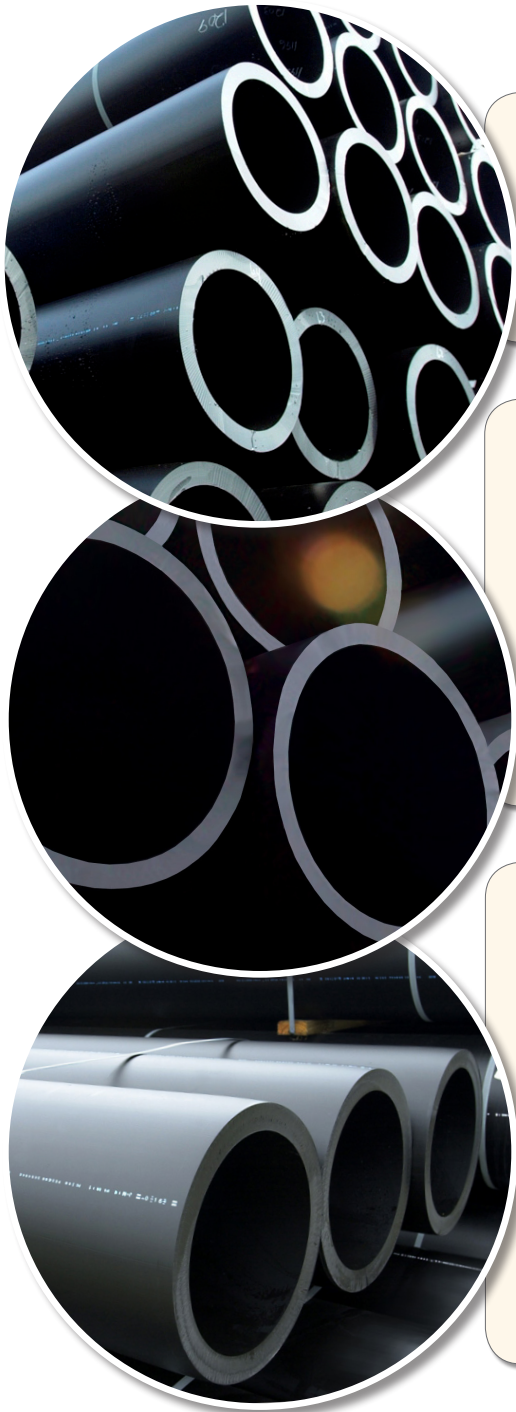




HDPE FM APPROVED WATER DISTRIBUTION PIPE FOR UNDERGROUND FIRE PROTECTION SERVICE

MEETS AWWA C906, ASTM F714, CELL CLASS PER ASTM D3350, PPI LISTED MATERIAL (TR-4) PE 3408/3608/4710, AND ANSI/NSF-14.



APPLICATIONS

JM Eagle's FM approved high-density polyethylene water pressure pipe is suitable for municipal and industrial underground water service and fire protection systems.

DESCRIPTION

JM Eagle's FM approved high density polyethylene water pressure pipe is available in 4-inch to 24-inch diameters.

FM Approvals LLC is a U.S. and internationally recognized testing laboratory recognized by OSHA that provides product safety testing and certification services to manufacturers. FM approved provides proof that components meet the requirements of a fire protection system now and will continue to meet these requirements in the event of a fire.

BENEFITS

JM Eagle's HDPE pipe for water and sewer is manufactured for excellent performance and a long life expectancy.

- Butt-fused joints provide a zero leak rate by eliminating potential leak points.
- Highly resistant to corrosion and degradation, recent studies conclude it will last at least 100 years.
- Its light weight and flexibility make it easy to install, eliminate the need for fittings required with directional changes, and make it highly suitable for use in earthquake-prone areas, and HDD process.

Revised 10/4/2011. This information may have been updated. Please download the latest version at www.jmeagle.com/onesheets.



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SUBMITTAL AND DATA SHEET



JM Eagle's FM approved high-density polyethylene water pressure pipe is suitable for municipal and industrial underground water service and fire protection systems.

HDPE IRON PIPE SIZE (I.P.S.) PRESSURE PIPE WITH FM APPROVED

ANSI/NSF-14

PE 3408/3608/4710		DR 9 (200 psi)			DR 11 (150 psi)		
PIPE SIZE	AVG. O.D.	MIN. T.	AVG. I.D.	WEIGHT LB/FT	MIN. T.	AVG. I.D.	WEIGHT LB/FT
4	4.500	0.500	3.440	2.74	0.409	3.633	2.29
6	6.625	0.736	5.065	5.93	0.602	5.349	4.97
8	8.625	0.958	6.594	10.05	0.784	6.963	8.43
10	10.750	1.194	8.219	15.61	0.977	8.679	13.09
12	12.750	1.417	9.746	21.97	1.159	10.293	18.41
14	14.000	1.556	10.107	26.50	1.273	11.301	22.20
16	16.000	1.778	12.231	34.60	1.455	12.915	29.00
18	18.000	2.000	13.760	43.79	1.636	14.532	36.69
20	20.000	2.222	15.289	54.05	1.818	16.146	45.30
22	22.000	2.444	16.819	65.40	2.000	17.76	54.82
24	24.000	2.667	18.346	77.85	2.182	19.374	65.24

I.D. : Inside Diameter
O.D. : Outside Diameter
T. : Wall Thickness

PRODUCT STANDARD: **AWWA C906 / ASTM F714**
 PIPE COMPOUND: ASTM F714 Cell Class per ASTM D3350
 CERTIFICATIONS: FM Approved ANSI/NSF-14
 MATERIAL: PPI Listed Material (TR-4) PE 3408/3608/4710
 PIPE LENGTH: 40.50 Feet in length
 INSTALLATION GUIDE: AWWA M55
 JM Eagle Installation Guide