



HDPE COMMUNICATION DUCT

MEETS ASTM F2160, NON-PRESSURE-RATED CONDUIT.



APPLICATIONS

JM Eagle's high-density polyethylene communication duct pipe is suitable for use as conduit, duct, and inner-duct with communication, CATV, and power wire and cable applications.

DESCRIPTION

JM Eagle HDPE Communication Duct is available in 3/4-inch to 6-inch diameters (8-inch and above available upon request), with or without pull tape, in blue, green, black, orange, white, gray, terracotta and red.

It comes in continuous reels and is available with internal lubrication and as parallel reeled. It can be joined by various heat fusion methods including electrofusion, socket fusion, butt fusion and saddle fusion, as well as mechanical connections.

With a COF 30 percent lower than PVC, it remains ductile at low temperatures and offers a maximum operating temperature of 90 degrees, which is compatible with the operating temperatures of the power cables.

BENEFITS

JM Eagle HDPE Communication Duct is the easy-to-install, high-performance solution to communications applications.

- Lightweight and flexible, it comes in long lengths, allowing for easy and convenient installation.
- Because of its flexible nature, it reduces the use of fittings and remains ductile at low temperatures.
- Its longer pull lengths mean manholes can be placed farther apart, with fewer joints needed for directional drilling and plowing.
- Its lengths allow for greater flexibility in system design, as well as the ability to follow trench contours and avoid underground obstacles.
- It is recognized in the industry for its high stress crack resistance, a coefficient of friction 30 percent lower than PVC, and high tensile strength.
- It is resistant to corrosive chemicals and aggressive soils and is impervious to bacteria and fungus.



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SUBMITTAL AND DATA SHEET

PIPE DIMENSIONS NON-PRESSURE RATED								
NOMINAL SIZES (IN)	O.D. (IN)	DR	MINIMUM WALL (IN)	AVERAGE I.D. (IN)	WEIGHT (LBS/FT)	STANDARD FT.PER REEL	REEL SIZE (H X W X D)	REEL/TRUCK
0.75	1.05	11	0.095	0.849	0.1243	10000	96" x 48" x 32"	12
		13.5	0.078	0.885	0.1040	10000	96" x 48" x 32"	12
1	1.315	11	0.120	1.061	0.1965	10000	96" x 48" x 32"	12
		13.5	0.097	1.109	0.1621	10000	96" x 48" x 32"	12
		SCH40	0.133	1.033	0.2152	10000	96" x 48" x 32"	12
1.25	1.66	11	0.151	1.340	0.2132	7500	96" x 48" x 32"	12
		13.5	0.123	1.399	0.2594	7500	96" x 48" x 32"	12
		SCH40	0.140	1.363	0.2917	7500	96" x 48" x 32"	12
		SCH80	0.191	1.255	0.3939	7500	96" x 48" x 32"	12
1.5	1.9	11	0.173	1.533	0.4094	6000	102" x 48" x 36"	12
		13.5	0.141	1.601	0.3403	6000	102" x 48" x 36"	12
		SCH40	0.145	1.593	0.3491	6000	102" x 48" x 36"	12
		SCH80	0.200	1.476	0.4655	6000	102" x 48" x 36"	12
2	2.375	11	0.216	1.917	0.6391	3000	96" x 48" x 45"	12
						5000	102" x 48" x 45"	12
		13.5	0.176	2.002	0.5310	3000	96" x 48" x 45"	12
						5000	102" x 48" x 45"	12
		SCH40	0.154	2.049	0.4696	3000	96" x 48" x 45"	12
						5000	102" x 48" x 45"	12
		SCH80	0.218	1.913	0.6444	3000	96" x 48" x 45"	12
3	3.5	11	0.318	2.826	1.3867	1000	96" x 48" x 45"	12
		13.5	0.259	2.951	1.1518	1000	96" x 48" x 45"	12
		SCH40	0.216	3.042	0.9741	1000	96" x 48" x 45"	12
		SCH80	0.300	2.864	1.3161	1000	96" x 48" x 45"	12
4	4.5	11	0.409	3.633	2.2930	725	102" x 48" x 68"	12
		13.5	0.333	3.794	1.9039	725	102" x 48" x 68"	12
		SCH40	0.237	3.998	1.3883	stick pipe only	N/A	N/A
		SCH80	0.337	3.786	1.9248	725	102" x 48" x 68"	12
5	5.563	11	0.506	4.490	3.5067	500	102" x 48" x 70"	12
		13.5	0.412	4.690	2.9119	500	102" x 48" x 70"	12
		SCH40	0.258	5.016	1.8815	stick pipe only	N/A	N/A
		SCH80	0.375	4.768	2.6707	stick pipe only	N/A	N/A
6	6.625	11	0.602	5.349	4.9690	450	120" x 48" x 85"	8
		13.5	0.491	5.584	4.1325	450	120" x 48" x 85"	8
10	10.75	9	1.194	8.219	15.68	stick pipe only	N/A	N/A