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Standard Conduit

Conduit Types	Available Sizes
Smooth Wall	.75", 1" 1.25", 1.5", 2.0''
Internally Ribbed	1.25'', 1.5'', 2.0''

Color Offerings: 

Optional: Pre-Installed Pull Tape - 1/2'' 1250 lb; Wall Types - SDR 9, SDR 15.5, SDR 17, SCH 40, SCH 80

Material: Prime High Density Polyethylene

Description:

Prime HDPE copolymer resins designed for solid wall conduit applications
Industrial Standard compliance ASTM D3350: Cell Classification PE 435620A
Resins meet the material requirements of ASTM F2160 and SUDAS Spec 8010.2.01
The resin is recommended for use in applications that are required to meet AASHTO M294 Specifications

Applications:

Natural bimodal high density polyethylene copolymer resin designed for small and large telecom conduit

Control Properties:

Feature	Method	Units	Typical Value
Melt Flow Rate (190°C/2.16kg)	ASTM D1238	g/10 min	0.32
Density	ASTM D792	g/cm³	0.954

Typical Properties:

Feature	Method	Units	Typical Value
Tensile Strength at Yield	ASTM D638	MPa	24.4
Tensile Strength at Break	ASTM D638	MPa	34.9
Strain at Break	ASTM D638	%	708
Flexural Modulus (Secant 1%)	ASTM D790	MPa	1138

Conduit Dimensions: (all dimensions in inches)

Conduit Size	OD	OD Tolerance (+/-)	Wall Thickness	Wall Thickness Tolerance (+)	Max Wall Thickness
0.75'' SDR 11	1.050	0.005	0.095	0.020	0.115
1.0'' SDR 11	1.315	0.007	0.120	0.020	0.140
1.25'' SDR 11	1.660	0.008	0.151	0.020	0.171
1.5'' SDR 11	1.900	0.010	0.173	0.021	0.194
2'' SDR 11	2.375	0.012	0.216	0.026	0.242
0.75'' SDR 13.5	1.050	0.005	0.078	0.020	0.098
1.0'' SDR 13.5	1.315	0.007	0.097	0.020	0.117
1.25'' SDR 13.5	1.660	0.008	0.123	0.020	0.143
1.5'' SDR 13.5	1.900	0.010	0.141	0.020	0.161
2''' SDR 13.5	2.375	0.012	0.176	0.020	0.196