

The Teel logo is positioned in the top right corner, featuring the word "Teel" in a bold, teal, sans-serif font. A teal wavy graphic element is located above the logo, extending from the left edge of the page towards the right.

Teel

A horizontal banner with a dark brown background and a subtle orange-to-brown gradient is centered across the page. It contains the text "Knowledgeable. Experienced. Dependable." in a white, sans-serif font. The background of the entire page is a close-up, diagonal view of several black electrical conduits with red longitudinal stripes. Faint, embossed text on the conduits includes "TEEL PIPE", "ASTM F2160", and "HDPE".

Knowledgeable. Experienced. Dependable.

The text "ELECTRICAL CONDUIT" is centered at the bottom of the page in a white, all-caps, sans-serif font. The background behind this text is the same diagonal pattern of black conduits with red stripes seen throughout the page.

ELECTRICAL CONDUIT

Electrical Conduit

Teel Plastics is an ISO 9001-certified, US-owned and US-operated manufacturer of electrical telecommunication conduit for OSP markets.

Our high-density polyethylene electrical conduit is manufactured in Baraboo, Wisconsin, in a 430,000+ sq. ft. pipe production facility. Each of our extrusion lines includes SPC tools to ensure accurate and consistent dimensions and resin feed control to further ensure consistent quality. Our pipe is made from HDPE material that meets or exceeds cell classification and performance standards.

Teel's conduit meets Buy American requirements, including BEAD funding requirements.



Product Specifications

Sizes: Electrical conduit is available in 1/2" - 6" sizes, SCH 40 and 80, standard SDRs, and SDRs.

Configurations: Standard electrical conduit configurations including gray, red, black, and black with red striping. Custom configurations available upon request. Teel is also capable of producing custom cable in conduit (CIC).

Installation: Can be installed by horizontal directional drilling (HDD), open cut methods such as trenching, and plowing.

ASTM-Driven Quality Assurance

Teel follows ASTM F2160 quality standards and fits our lines with SPC tools and resin feed control to help ensure accurate dimensions and consistent quality. Teel's conduit meets the requirements of the following ASTM standards.

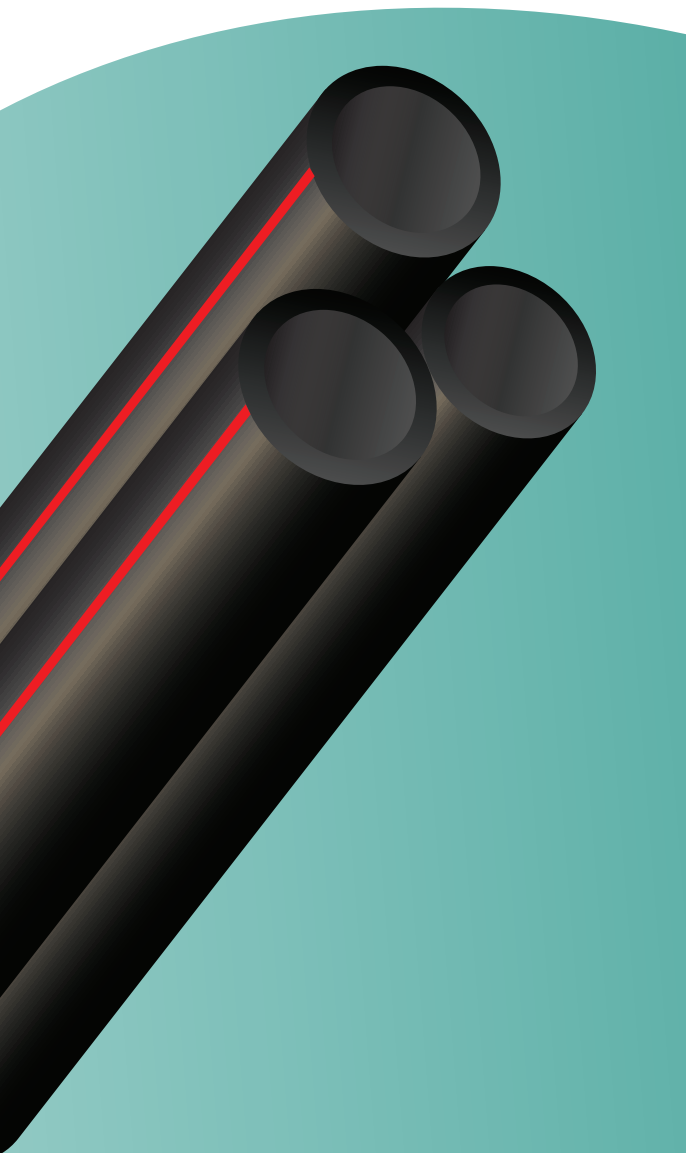
- Slow Crack Growth – F1473
- Environmental Stress Cracking – D1693
- Impact Resistance – D2444
- Flexural Properties – D790
- Density and Specific Gravity – D792
- Elongation at Break – D638
- Thermal Stability – D3350
- Melt Index – D1238

UL 651A Electrical Conduit

Teel's ETL-listed HDPE conduit conforms to UL 651A and NEC Article 353. Its flexibility allows for coiling and for bending without dedicated equipment. Ideal for underground applications.

In accordance with UL 651A requirements, Teel's UL 651A conduit passed multiple independent performance tests demonstrating quality in key areas:

- Resistance to impact, including resistance at sub-zero temperatures.
- Resistance to deflection (flattening) under heavy load.
- Resistance to damage from stretching



UL 651A Conduit Specifications

Size	Nom. OD		SDR 11	SDR 13.5	SCH 40	SCH 80
3/4"	1.050	Min. Wall	-	-	0.113	0.154
		Avg. ID	-	-	0.804	0.722
		Sup. Bend Radius	-	-	10	10
		Unsup. Bend Radius	-	-	20	20
1"	1.315	Min. Wall	-	-	0.133	0.179
		Avg. ID	-	-	1.029	0.937
		Sup. Bend Radius	-	-	13	13
		Unsup. Bend Radius	-	-	26	26
1-1/4"	1.660	Min. Wall	-	-	0.140	0.191
		Avg. ID	-	-	1.360	1.255
		Sup. Bend Radius	-	-	17	17
		Unsup. Bend Radius	-	-	34	34
1-1/2"	1.900	Min. Wall	-	-	0.145	-
		Avg. ID	-	-	1.590	-
		Sup. Bend Radius	-	-	19	-
		Unsup. Bend Radius	-	-	38	-
2"	2.375	Min. Wall	-	0.176	0.154	0.218
		Avg. ID	-	2.003	2.047	1.913
		Sup. Bend Radius	-	24	24	24
		Unsup. Bend Radius	-	48	48	48
3"	3.500	Min. Wall	-	0.259	0.216	0.300
		Avg. ID	-	2.951	3.042	2.864
		Sup. Bend Radius	-	39	39	39
		Unsup. Bend Radius	-	78	78	78
4"	4.500	Min. Wall	0.049	0.333	-	0.337
		Avg. ID	3.634	3.794	-	3.78650
		Sup. Bend Radius	50	50	-	50
		Unsup. Bend Radius	100	100	-	100
6"	6.625	Min. Wall	0.602	0.491	-	-
		Avg. ID	5.349	5.584	-	-
		Sup. Bend Radius	73	73	-	-
		Unsupported Bend Radius	146	146	-	-

Award-Winning Manufacturer

We are honored to be the recipient of multiple awards demonstrating our commitment to quality. Teel has received multiple Plastics Pipe Institute (PPI) Project of the Year awards. In addition, Teel was named the 33rd Annual Wisconsin Manufacturer of the Year by Wisconsin Manufacturers and Commerce (WMC) and the 2022 Processor of the Year by Plastics News.



Technical Leadership

Teel is a member of multiple regulatory and technical organizations and provides direction and insight for standards changes as the conduit industry evolves.

