ASTM F2160, Standard Specification for Solid Wall High
Density Polyethylene (HDPE) Conduit Based on Controlled
Outside Diameter (OD) is applicable to coilable HDPE conduit,
duct and innerduct for the protection of fiber optic and power cables.
ASTM F2160 applies to HDPE conduit in IPS types SDR 9, SDR 11, SDR
13.5, DR 15.5, Schedule 40, Schedule 80 and “True-sized” and SIDR
dimensions. Typical applications include telecom, SCADA command
and control, highway lighting, Intelligent Transportation Systems
and underground utilities.

Originally published in 2001, recent revisions led by PPI’s
Power & Communications Division resulted in significant
improvements to the standard:

- Expanded Scope includes new applications
- Cell classification descriptions refer to ASTM D3350
- Improved slow crack growth resistance
- Eleven dimensional tables consolidated into four
- Addition of Pipe Stiffness, Compression and Recovery requirements
- Improvements to Low-temperature test procedures

The revised version of ASTM F2160 was released on December 16, 2016.

Access ASTM standards directly by visiting this link: www.astm.org.

www.plasticpipe.org/power-comm
Distribution by The Plastics Pipe Institute, Power & Communications Division.