

CERTIFICATION Informs

An Urgent Bulletin from CSA Group

Ref No: I18-156

Wire and Cable No. 246

(Supersedes Informs Wire and Cable No. 233, Ref No: I17-104)

New Service available as of today

Date: December 10, 2018

Apply any time to have your products evaluated

Announcing: Publication of CSA C22.2 No. 327-18 - HDPE conduit, conductors-in-conduit, and fittings

Class No: 1832 03, CONDUIT AND FITTINGS - HDPE Conduit and Fittings

To purchase the Standard, visit us at store.csagroup.org

Who is affected?

Manufacturers of HDPE conduits, HDPE conduits with conductors and polyethylene dual-wall corrugated conduits and associated fittings.

What do you do?

1. This publication provides for new certification services that do not affect your currently certified product designs.
2. Please contact CSA technical staff if you have questions or need information concerning this publication and how it applies to you.
3. If you would like to take advantage of the new certification services, initiate a certification project by contacting our Client Services Centre at 1-866-797-4272. Please supply appropriate supporting documentation* and we will inform you of the samples required.

*which includes technical information, company name, address, factory locations and CSA file number or master contract number (if assigned), and any other relevant documentation.

Approvals:

Customers who wish to obtain CSA certification to CSA C22.2 No. 327-18 and for the new PEDW dual wall conduit which has been introduced in this new edition may make an application at any time.

Background and Rationale:

This is the second edition of CSA C22.2 No. 327, HDPE conduit, conductors-in-conduit, and fittings, superseding the first edition published in October 2016 and Update No. 1 published in July 2017. The standard has been developed at the request of industry and has been prepared by the Subcommittee on HDPE conduit with Conductors under the jurisdiction of the Technical Committee on Wiring Products and the Strategic Steering Committee on Requirements for Electrical Safety

Major Revisions:

See attachment 1

For questions specific to your file or products contact your CSA Group technical staff associate.

Go to <http://www.csagroup.org/services/testing-and-certification/product-listing/> and enter your Master Contract # and the class numbers associated with this Informs to view your certified products.

For technical questions on this Informs

Contact Evangeline Cometa
by phone 416-747-2671, fax 416-747-4149
or e-mail evangeline.cometa@csagroup.org



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ATTACHMENT 1

Major Revisions

Clause	Revisions
1 Scope	Scope expanded to include polyethylene dual-wall corrugated conduit (PEDW)
3 Definitions	Added type PEDW and definition – <i>a non-metallic, coilable, dual-wall polyethylene corrugated conduit for direct burial or encasement in concrete or masonry.</i>
5.1	Added “ <i>The conduit in this Standard shall be coilable</i> ”
6.1 Marking	Moved the marking for maximum pulling tension from Conduit to the Packaging. A note has been added that the maximum pulling tension is to be provided by the manufacturer.
7.3 Impact resistance	Temperature revised from minus 20C to minus 18C to keep consistency within the standard.
7.6 Chemical resistance	The test method has been revised to allow for plaque specimens as an alternate to the ring specimens.
7.9.2 Pullout	Added this clause to clearly describe the specimen configuration for testing a coupling and an adapter.
7.10 Ovality	Added the ovality requirements for conduits larger than trade size 78 mm.
7.13 Water absorption test	Added new clauses 7.13.1 to 7.13.4 for the water absorption test.
7.14 Cold bend test	Added new clause 7.14.1 for the cold bend test
7.15 Low temperature handling test	Added clauses 7.15.1.1 to 7.15..2.3 for subjecting conduits and couplings to the low temperature handling test
8 High density polyethylene dual wall corrugated conduit (New)	Added the following clauses under Section 8: 8.1 General requirements 8.2 compounds 8.3 Conduit and fittings 8.4 Couplings 8.5 Markings 8.6 Tests on HDPE dual wall corrugated conduit 8.7 Durability of printing
Table 8 (New)	HDPE dual wall corrugated conduit dimensions
Table 9 (New)	HDPE dual wall corrugated conduit bend radius
Table 10 (New)	Nominal physical properties of the inner wall of the dual wall conduit
Figures 1 and 2	Deleted
Annex B (New)	Sample drawing of a dual wall conduit