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Fittings for Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installation

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Foreword

This Standard covers fittings for polyvinyl chloride (PVC) plastic utility duct used for the underground installation of communication and electrical wire and cable:

a. List dimensions and other significant requirements;
b. Set forth some of the properties of these products and assist in selecting and obtaining the proper product for a particular need.

User needs and safety considerations were considered during the development of these Standards. The NEMA Polymer Raceway Products Section will periodically review this Standard and revise it as necessary. Proposals for revisions can be submitted to:

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NEMA TC 9-2020 revises and supersedes NEMA TC 9-2004 (R2012). NEMA TC 9 was prepared by a subgroup of the NEMA Polymer Raceway Products Section Technical Committee. During the preparation phase, the following were active participants:

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NEMA TC 9 was approved by the NEMA Polymer Raceway Products Section. Approval does not necessarily imply that all Members of the Section voted for its approval. At the time of approval, the Section consisted of the following Members:

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FRE Composites—www.frecomposites.com—St. Andre-d'Argenteuil, QC, Canada
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Underground Devices, Inc.—www.ud devices.com—Northbrook, IL
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Section 1
General

1.1 Scope

This Standard defines general requirements including materials, trade sizes, dimensions, and workmanship for the following types of fittings for PVC plastic utilities duct used for the underground installation of communication and electrical wire and cable:

a. Type EB - Designed for encased burial in concrete when installed in trenches underground.
b. Type DB - Designed for direct burial in trenched underground without a requirement for encasement in concrete. Type DB may also be encased in concrete.

Note: The values stated in U.S. customary units are to be regarded as the Standard.