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Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installations

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CONTENTS

Foreword	iii
Section 1	1
General	1
1.1 Scope	1
1.2 Referenced Standards	1
Section 2	3
Definitions and Abbreviations	3
2.1 Definitions and Abbreviations	3
2.1.1 Qualification Test	3
2.1.2 Quality Control Test	3
Section 3	4
General Requirements	4
3.1 Materials	4
3.1.1 PVC Utilities Duct.....	4
3.1.2 Solvent Cements and Primers	4
3.1.3 Gaskets and Lubricants	4
3.2 Color	4
3.3 Dimensions and Lengths	4
3.3.1 Duct Dimensions.....	4
3.3.2 Duct Length.....	4
3.3.3 Chamfer Dimensions	5
3.3.4 Joint Dimensions	5
3.4 Joints	5
3.4.1 Joint Types	5
3.4.2 Fittings	5
3.4.3 Integral Belled Ends for Solvent-Cemented Joints.....	5
3.4.4 Integral Belled Ends for Gasketed Joints.....	7
3.5 Inspections	7
Section 4	14
Performance Requirements	14
4.1 Qualification Test	14
4.1.1 Leakage at Solvent Cemented Joints	14
4.1.2 Leakage at Gasketed Duct Joints.....	14
4.2 Quality Control Tests	14

- 4.2.1 Definition 14
- 4.2.2 Conditioning 14
- 4.2.3 Workmanship..... 14
- 4.2.4 Impact Resistance 14
- Section 5 16
- Test Methods 16
- 5.1 Conditioning, Test Conditions, and Sampling..... 16
 - 5.1.1 Conditioning 16
 - 5.1.1.1 Referee Test 16
 - 5.1.1.2 Quality Control Test 16
 - 5.1.2 Test Conditions 16
 - 5.1.3 Sampling 16
- 5.2 Dimensions 16
 - 5.2.1 Outside Diameter (Average) 16
 - 5.2.2 Maximum and Minimum Outside Diameter (Out-of-Roundness) 16
 - 5.2.3 Wall Thickness 16
- 5.3 Duct Stiffness 17
- 5.4 Leakage of Joints 17
 - 5.4.1 Solvent Cemented Fittings or Integral Belled Ends..... 17
 - 5.4.2 Gasketed Duct Joints 17
- 5.5 Impact Resistance 17
- Section 6 19
- Markings..... 19
 - 6.1 Markings 19
- Annex A..... 20
- Installation Practices 20

Foreword

This Standard is intended to define general requirements, performance requirements, test methods, and marking for Type EB-20, Type EB-35, Type DB-60, Type DB-100, and Type DB-120 PVC plastic utilities ducts. The PVC duct specified in this Standard is intended for installation underground for communications and electrical wire and cable:

User needs have been considered during the development of this Standard.

The Polymer Raceway Products Section (5TC) of NEMA, through its Members, has worked (and continues to work) closely with such organizations as ASTM, the Plastics Pipe Institute, appropriate government agencies, testing laboratories, and others in the periodic review and revision of these Standards for any changes necessary to remain current.

The NEMA Polymer Raceway Products Section will periodically review this Standard and revise the adoptions or modifications as necessary. Proposed or recommended revisions can be submitted to:

NEMA Technical Operations Department
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, Virginia 22209

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David Kendall—ABB, Inc.
Ray Horner—Atkore International
Brian Deacy—Atkore International
Andrew Nause—IPEX USA, LLC.

NEMA TC 6 & 8-2020 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:

ABB, Inc.—www.abb.com—Memphis, TN
Anamet Electrical, Inc.—www.anacondasealtite.com—Mattoon, IL
Atkore International—www.atkore.com—Harvey, IL
Champion Fiberglass, Inc.—www.championfiberglass.com—Spring, TX
Electric-Flex Company—www.electriflex.com—Roselle, IL
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Section 1 General

1.1 Scope

This Standard defines general requirements, performance requirements, test methods, and marking for the following types of PVC plastic utilities duct. The PVC duct specified in this Standard is intended for installation underground for communications and electrical wire and cable:

Type EB-20	Designed for burial encased in concrete
Type EB-35	Designed for burial encased in concrete
Type DB-60	Designed for direct burial without encasement in concrete
Type DB-100	Designed for direct burial without encasement in concrete
Type DB-120	Designed for direct burial without encasement in concrete

Type DB products can also be used for concrete encased applications where specified.

Fittings designed for use with the ducts covered by this Standard are described in NEMA TC 9 *Fittings for Polyvinyl Chloride (PVC) Plastic Utilities Duct for Underground Installation*.

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