

NEMA Standards Publication TC 3-2015

*Polyvinyl Chloride (PVC) Fittings for Use with
Rigid PVC Conduit and Tubing*

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Foreword

In the preparation of this Standards Publication, input of users and other interested parties has been sought and evaluated. Inquiries, comments, and proposed or recommended revisions should be submitted to the concerned NEMA product Subdivision by contacting:

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CONTENTS

Foreword	i
Section 1 GENERAL	1
1.1 Scope	1
1.2 Referenced Standards	1
Section 2 DEFINITIONS	3
2.1 General.....	3
2.2 Definitions.....	3
Section 3 GENERAL REQUIREMENTS	4
3.1 Materials	4
3.2 Dimensions	4
3.2.1 Fittings.....	4
3.2.2 Compression-formed Couplings.....	4
3.2.3 Elbows	4
3.3 Depth of Penetration	4
3.4 Threads	4
Section 4 PERFORMANCE REQUIREMENTS	12
4.1 Qualification Tests.....	12
4.1.1 Bending	12
4.1.2 Axial Pull Test on Joints	12
4.2 Quality Control Test.....	12
4.2.1 Workmanship	12
4.2.2 Dimensions.....	12
Section 5 TEST METHODS	13
5.1 Conditioning, Test Conditions, and Sampling	13
5.1.1 Conditioning Test Specimens.....	13
5.1.2 Sampling.....	13
5.2 Dimensions	13
5.3 Threads	13
5.3.1 Gauging External Tapered Threads	13
5.3.2 Gauging Internal Tapered Threads	13
5.3.3 Gauging Chamfered, Countersunk, or Recessed Threads	14
5.3.4 Gauging of Straight Threads	14
5.4 Bending	14
5.5 Axial Pull Test on Joints	15
5.6 Retests	16
Section 6 MARKINGS	17
6.1 Markings.....	17
6.1.1 General.....	17
6.1.2 Long Elbows and Other Bends	17
6.1.3 Short Elbows and Other Bends	17
Figures	
Figure 1 Molded Fitting Dimensions	6
Figure 2 Compression-formed Couplings	9
Figure 3 Elbows	9
Figure 4 Bending Test Arrangement.....	15
Tables	
Table 1 Sizes and Dimensions of PVC Fittings*	5
Table 2 External and Internal Tapered Threads.....	7

Table 3	External and Internal Straight Threads	8
Table 4	Dimensions for Compression-formed PVC EPC-40 and EPC-80 Couplings	10
Table 5	Dimensions for Integral Bell PVC EPC-40 and EPC-80 Elbows.....	11
Table 6	Bending Load on Coupling or Fitting.....	14
Table 7	Axial Load for Pull Test on Joints	15

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Section 1 GENERAL

1.1 SCOPE

This standard covers polyvinyl chloride (PVC) fittings intended to be joined in the field by means of a solvent cement system to PVC rigid conduit, tubing, and other fittings, based on the outside diameters given in NEMA TC 2-2013.

Included in this publication are requirements for materials, workmanship, dimensions, physical properties, couplings, female adapters, male terminals, junction box adapters, reducers, elbows, caps, and end-bells. Methods of marking, inspection, and practices for indicating compliance with these standards are also given. Junction boxes and access fittings are not included.

NOTE—The values stated in U.S. Customary Units are to be regarded as the standard. Metric units are provided for information.

1.2 REFERENCED STANDARDS

The following publications are adopted in part, by reference in this publication, and are available from the organizations below. Unless otherwise noted, references are to the most recent edition.

American National Standards Institute (ANSI)

11 West 42nd Street
New York, NY 10036

ANSI/ASME B 1.20.1 *General Purpose Pipe Threads (Inch)*

American Society for Testing and Materials (ASTM)

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

D 618-90e1 *Standard Methods of Conditioning Plastics and Electrical Insulating Materials for Testing*
D 1784 *Standard Specifications for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compound*
D 2855 *Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings*
D 1600 *Standard Abbreviations of Terms Relating to Plastics*
F 412-94a *Standard Definitions of Terms Relating to Plastic Piping Systems*

Government Services Administration (GSA)

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H28, Part II (1978) *Screw-Thread Standards for Federal Service*