STANDARDS PUBLICATION NO. TC 18

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Packaging of Master Bundles for EPC-40 (Polyvinyl Chloride) Conduit

NEMA

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION ■ 2101 L STREET, N.W., WASHINGTON, D.C. 20037

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PACKAGING OF MASTER BUNDLES FOR EPC-40 (POLYVINYL CHLORIDE) CONDUIT

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Foreword

This Standard Publication is intended to recommend sizes for master bundles of electrical EPC-40 (Polyvinyl Chloride) (PVC) conduit in order to provide a safe, manageable package for bulk handling of the product, and to facilitate tracking of the number of pieces being handled by the distributor or others dispensing and storing the product.

In the preparation of this Standard Publication, the 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 section by contacting:

Vice President, Engineering Department
National Electrical Manufacturers Association
2101 L Street, NW
Washington, D.C. 20037-1526

Scope

This Standard Publication covers recommendations for the size and banding of master bundles for electrical EPC-40 (polyvinyl chloride) (PVC) conduit.

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Section 1
REFERENCED STANDARDS AND DEFINITIONS

1.1 REFERENCED STANDARDS

The following publication is adopted in whole or in part as indicated.

American Society for Testing Materials
1915 Race Street
Philadelphia, PA 19103

ASTM D3953-83 — *Specifications for Flat Steel Strap and Connectors*

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Section 2
SIZE OF MASTER BUNDLE

2.1 NUMBER OF PIECES

The recommended number of pieces of EPC-40 PVC electrical conduit (10 foot lengths) in a master bundle of each trade size, 1/2 inch through 6 inch, is shown in Table 2-1.

Table 2-1
EPC-40 PVC CONDUIT

Trade Size Inches	Number of Pieces	Total Feet
1/2	600	6000
3/4	440	4400
1	360	3600
1-1/4	330	3300
1-1/2	225	2250
2	140	1400
2-1/2	93	930
3	88	880
3-1/2	63	630
4	57	570
5	38	380
6	26	260

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Section 3
CONSTRUCTION OF BUNDLES

3.1 CONSTRUCTION OF BUNDLES

Master bundles should be secured with at least two bands of steel strapping meeting the requirements of ASTM D3953-83.

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(Standardization Policies and Procedures, p. 1)

Definition of a Standard

A Standard of the National Electrical Manufacturers Association defines a product, process or procedure with reference to one or more of the following: nomenclature, composition, dimensions, tolerances, safety, operating characteristics, performance, rating, testing, and the service for which they are designed.

(Standardization Policies and Procedures, p. 2)

Dimensions

Where dimensions are given for interchangeability purposes, alternate dimensions satisfying the other provisions of the Standards Publication may be capable of otherwise equivalent performance.

(Standardization Policies and Procedures, p. 8)

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1. NEMA Standard, which relates to a product, process, or procedure commercially standardized and subject to repetitive manufacture.
2. Suggested Standard for Future Design, which may not have been regularly applied to a commercial product, but which suggests a sound engineering approach to future development.
3. Adoptive Standard, which is adopted in whole or in part from the standards of another organization, either domestic, regional, or international.

(Standardization Policies and Procedures, pp. 7 & 16)

Authorized Engineering Information

Authorized Engineering Information consists of explanatory data and other engineering information of an informative character not falling within the classification of NEMA Standard or Suggested Standard for Future Design, which standard has received the affirmative vote of at least two-thirds of the Subdivision votes cast in the affirmative or negative.

(Standardization Policies and Procedures, pp. 7 & 16)

Identification of Status

Standards in NEMA Standards Publications are identified as "NEMA Standard," "Suggested Standard for Future Design," or "Adoptive Standard." These indicate the status of the standard. A statement incorporating the auxiliary verb "shall" indicates that compliance with a requirement is mandatory for compliance with the standard. These classes of standards are identified in the foreword or throughout the text.

The material identified as "Authorized Engineering Information" is designated similarly. Statements incorporating other auxiliary verbs such as "should," "may," etc. refer to authorized engineering information and not to procedures required for compliance with the standard.

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