

<b>STN</b>	<b>Ohybné izolačné rúrky Časť 3: Špecifikácie jednotlivých druhov rúrok List 116 a 117: Vytlačané polychlóroprenové rúrky, všeobecné použitie</b>	<b>STN EN IEC 60684-3-116</b>  34 6553
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Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheets 116 and 117: Extruded polychloroprene, general purpose

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/24

Obsahuje: EN IEC 60684-3-116:2024, IEC 60684-3-116:2024

Oznámením tejto normy sa od 01.05.2027 ruší  
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EUROPEAN STANDARD

**EN IEC 60684-3-116**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2024

ICS 29.035.20

Supersedes EN 60684-3-116:2011

English Version

**Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheets 116 and 117: Extruded polychloroprene, general purpose (IEC 60684-3-116:2024)**

Gaines isolantes souples - Partie 3: Spécifications pour types particuliers de gaines - Feuilles 116 et 117: Polychloroprène extrudé, utilisation générale (IEC 60684-3-116:2024)

Isolierschläuche - Teil 3: Anforderungen für einzelne Schlauchtypen - Blätter 116 und 117: Extrudierte Polychloroprenschläuche, Standardtyp (IEC 60684-3-116:2024)

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**EN IEC 60684-3-116:2024 (E)****European foreword**

The text of document 15/1005/CDV, future edition 4 of IEC 60684-3-116, prepared by IEC/TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60684-3-116:2024.

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IEC 60684-3 series      NOTE      Approved as EN 60684-3-420 to 422 series

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cencenelec.eu](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60684-1	-	Flexible insulating sleeving_ - Part_1: Definitions and general requirements	-	-
IEC 60684-2	2011	Flexible insulating sleeving - Part 2: Methods of test	EN 60684-2	2011
IEC 60068-2-74	1999	Environmental testing - Part 2: Tests - Test Xc: Fluid contamination	EN 60068-2-74	1999
+ A1	2018		+ A1	2018
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985
ISO 1817	-		-	-



# IEC 60684-3-116

Edition 4.0 2024-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Flexible insulating sleeving –  
Part 3: Specifications for individual types of sleeving – Sheets 116 and 117:  
Extruded polychloroprene, general purpose**

**Gaines isolantes souples –  
Partie 3: Spécifications pour types particuliers de gaines – Feuilles 116 et 117:  
Polychloroprène extrudé, utilisation générale**



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IEC 60684-3-116

Edition 4.0 2024-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Flexible insulating sleeving –  
Part 3: Specifications for individual types of sleeving – Sheets 116 and 117:  
Extruded polychloroprene, general purpose**

**Gaines isolantes souples –  
Partie 3: Spécifications pour types particuliers de gaines – Feuilles 116 et 117:  
Polychloroprène extrudé, utilisation générale**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## FLEXIBLE INSULATING SLEEVING –

**Part 3: Specifications for individual types of sleeving –  
Sheets 116 and 117: Extruded polychloroprene, general purpose**

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IEC 60684-3-116 has been prepared by IEC technical committee 15: Solid electrical insulating materials. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2010 and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) update of clause references in Table 2;
- b) addition of resistance to fluids test.

The text of this International Standard is based on the following documents:

Draft	Report on voting
15/1005/CDV	15/1020/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

A list of all the parts in the IEC 60684 series, published under the general title *Flexible insulating sleeving*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

## INTRODUCTION

This document is one of a series of standards which deals with flexible insulating sleeving for electrical purposes.

The series consists of three parts:

Part 1: Definitions and general requirements (IEC 60684-1);

Part 2: Methods of test (IEC 60684-2);

Part 3: Specification requirements for individual types of sleeving (IEC 60684-3).

This document comprises two of the sheets of Part 3, as follows:

Sheet 116: Extruded polychloroprene, general purpose: thin wall;

Sheet 117: Extruded polychloroprene, general purpose: thick wall.

## FLEXIBLE INSULATING SLEEVING –

### Part 3: Specifications for individual types of sleeving – Sheets 116 and 117: Extruded polychloroprene, general purpose

#### 1 Scope

This part of IEC 60684 gives the requirements for non-heat-shrinkable sleeving, extruded from compounds based on polychloroprene elastomer. This sleeving has been found suitable for temperatures up to 95 °C.

Sleeving of this type is normally available with internal diameters up to 25 mm, and in the following opaque colours: black, brown, red, orange, yellow, green, blue, violet, grey, white and pink. Sizes or colours other than those specifically listed in this document can possibly be available as custom items. These items are considered to comply with this document if they comply with the other property requirements listed in Table 2.

Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in the application and not based on the specification alone.

#### 2 Normative references

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IEC 60684-1, *Flexible insulating sleeving – Part 1: Definitions and general requirements*

IEC 60684-2:2011, *Flexible insulating sleeving – Part 2: Methods of test*

IEC 60068-2-74<sup>1</sup>:1999, *Environmental testing – Part 2-74: Tests – Test Xc: Fluid contamination*  
IEC 60068-2-74:1999/AMD1:2018

IEC 60757:1983, *Code for designation of colours*

ISO 1817, *Rubber, vulcanized or thermoplastic – Determination of the effect of liquids*

**koniec náhl'adu – text ďalej pokračuje v platenej verzii STN**

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<sup>1</sup> There exists a consolidated version 1.1:2018 that includes IEC 60068-2-74:1999 and its Amendment 1:2018.