

SLOVENSKI STANDARD SIST EN IEC 62677-3-103:2019

01-oktober-2019

Toplotno skrčljive brizgane forme za uporabo pri nizki in srednji napetosti - 3. del: Specifikacija za posamezne materiale - 103. list: Toplotno skrčljive poliolefinske prevodno oblikovane forme za uporabo pri srednji napetosti (IEC 62677-3-103:2019)

Heat-shrinkable low and medium voltage moulded shapes - Part 3: Specification for individual materials - Sheet 103: Heat-shrinkable, polyolefin, conductive moulded shapes for medium voltage applications (IEC 62677-3-103:2019)

iTeh STANDARD PREVIEW

Wärmeschrumpfende Nieder- und Mittelspannungsformteile – Teil 3: Anforderungen für einzelne Materialien – Blatt 103: Wärmeschrumpfende Polyolefinformteile, leitfähig, für Mittelspannungsanwendungen (IEC 62677-3-103;2019)

https://standards.iteh.ai/catalog/standards/sist/39b68690-e6aa-45a9-86dd-

Profilés thermorétractables basse et moyenne tensions - Partie 3: Spécification pour matériaux particuliers - Feuille 103: Profilés thermorétractables conducteurs en polyoléfine pour applications moyenne tension (IEC 62677-3-103:2019)

Ta slovenski standard je istoveten z: EN IEC 62677-3-103:2019

ICS:

29.035.01 Izolacijski materiali na Insulating materials in

splošno general

SIST EN IEC 62677-3-103:2019 en

SIST EN IEC 62677-3-103:2019

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN IEC 62677-3-103:2019</u> https://standards.iteh.ai/catalog/standards/sist/39b68690-e6aa-45a9-86dd-b600646d64fd/sist-en-iec-62677-3-103-2019

EUROPEAN STANDARD NORME EUROPÉENNE

EN IEC 62677-3-103

EUROPÄISCHE NORM

July 2019

ICS 29.035.20; 29.035.01

English Version

Heat-shrinkable low and medium voltage moulded shapes - Part 3: Specification for individual materials - Sheet 103: Heatshrinkable, polyolefin, conductive moulded shapes for medium voltage applications (IEC 62677-3-103:2019)

Profilés thermorétractables basse et moyenne tensions -Partie 3: Spécification pour matériaux particuliers - Feuille 103: Profilés thermorétractables conducteurs en polyoléfine pour applications movenne tension (IEC 62677-3-103:2019)

Wärmeschrumpfende Nieder- und Mittelspannungsformteile - Wärmeschrumpfende Nieder- und Mittelspannungsformteile - Teil 3: Anforderungen für einzelne Materialien - Blatt 103: Wärmeschrumpfende Polyolefinformteile, leitfähig, für Mittelspannungsanwendungen (IEC 62677-3-103:2019)

iTeh STANDARD PREVIEW

This European Standard was approved by CENELEC on 2019-06-18. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member at a log/standards/sist/39b68690-e6aa-45a9-86dd-

b600646d64fd/sist-en-iec-62677-3-103-2019
This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovakia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62677-3-103:2019 (E)

European foreword

The text of document 15/833/CDV, future edition 1 of IEC 62677-3-103, prepared by IEC/TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62677-3-103:2019.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by (dop) 2020-03-18 publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-06-18

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

iTeh STANEndorsement notice IEW

(standards.iteh.ai)

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60684-3-280:2010	NOTE	Harmonized as EN 60684-3-280:2010 (not modified)
IEC 60684-3-283:2010	NOTE	Harmonized as EN 60684-3-283:2011 (not modified)

EN IEC 62677-3-103:2019 (E)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 60296	-	Fluids for electrotechnical applications - Unused mineral insulating oils for transformers and switchgear	EN 60296	-
IEC 60757	-	Code for designation of colours	HD 457 S1	-
IEC 62677-1	-	Heat shrinkable low and medium voltage moulded shapes - Part 1: General requirements	EN IEC 62677-1	-
IEC 62677-2	2017 iTeh S	Heat shrinkable low and medium voltage moulded shapes - Part 2: Methods of test	EN IEC 62677-2	2018
	(standards.iteh.ai)		

SIST EN IEC 62677-3-103:2019

https://standards.iteh.ai/catalog/standards/sist/39b68690-e6aa-45a9-86dd-b600646d64fd/sist-en-iec-62677-3-103-2019

SIST EN IEC 62677-3-103:2019

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN IEC 62677-3-103:2019</u> https://standards.iteh.ai/catalog/standards/sist/39b68690-e6aa-45a9-86dd-b600646d64fd/sist-en-iec-62677-3-103-2019



IEC 62677-3-103

Edition 1.0 2019-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Heat-shrinkable low and medium voltage moulded shapes + Part 3: Specification for individual materials - Sheet 103: Heat-shrinkable, polyolefin, conductive moulded shapes for medium voltage applications

SIST EN IEC 62677-3-103:2019

Profilés thermorétractables basse et moyenne tensions 5-39-86dd-Partie 3: Spécification pour matériaux particuliers - Feuille 103: Profilés thermorétractables conducteurs en polyoléfine pour applications moyenne tension

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

ICS 29.035.20, 29.035.01 ISBN 978-2-8322-6912-1

Warning! Make sure that you obtained this publication from an authorized distributor.

Attention! Veuillez vous assurer que vous avez obtenu cette publication via un distributeur agréé.

- 2 - IEC 62677-3-103:2019 © IEC 2019

CONTENTS

FO	REWORD	3
INT	TRODUCTION	5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Designation	7
5	Conditions of test for dimensions	7
6	Requirements	7
7	Moulded shapes material conformance	7
Anr	nex A (informative) Adhesive compatibility guide	10
Bib	oliography	11
Tab	ble 1 – Property requirements	7
	ble 2 – Resistance to selected fluids	
Tab	ble 3 – Additional property requirements	9
Tab	ble A.1 – Adhesive compatibility guide	10
	(standards.iteh.ai)	

SIST EN IEC 62677-3-103:2019 https://standards.iteh.ai/catalog/standards/sist/39b68690-e6aa-45a9-86ddb600646d64fd/sist-en-iec-62677-3-103-2019

INTERNATIONAL ELECTROTECHNICAL COMMISSION

HEAT-SHRINKABLE LOW AND MEDIUM VOLTAGE MOULDED SHAPES –

Part 3: Specification for individual materials – Sheet 103: Heat-shrinkable, polyolefin, conductive moulded shapes for medium voltage applications

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 62677 has been prepared by committee TC 15: Solid electrical insulating materials.

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

CDV	Report on voting
15/833/CDV	15/861/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62677 series, published under the general title *Heat shrinkable low* and medium voltage moulded shapes, can be found on the IEC website.