

Heat shrinkable moulded shapes - Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance - Sheet 102:Heat-shrinkable elastomeric moulded shapes, semi-rigid, material requirements and system performance

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 62329-3-102:2010 sisaldab Euroopa standardi EN 62329-3-102:2010 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.10.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 10.09.2010.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 62329-3-102:2010 consists of the English text of the European standard EN 62329-3-102:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.10.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 10.09.2010.

The standard is available from Estonian standardisation organisation.

ICS 29.035.01

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

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**Heat-shrinkable moulded shapes -
Part 3: Specification requirements for shape dimensions, material
requirements and compatibility performance -
Sheet 102: Heat-shrinkable elastomeric moulded shapes, semi-rigid,
material requirements and system performance
(IEC 62329-3-102:2010)**

Profilés thermorétractables -
Partie 3: Exigences relatives
aux dimensions des profilés, exigences
de matériaux et performances
de compatibilité -
Feuille 102: Profilés thermorétractables
en élastomère, semi-rigides -
Exigences relatives aux matériaux
et performances du système
(CEI 62329-3-102:2010)

Wärmeschrumpfende Formteile -
Teil 3: Anforderungen für Formteilmaße,
Materialeigenschaften
und Kompatibilitätsverhalten -
Blatt 102: Wärmeschrumpfende Formteile
aus Elastomeren, halbsteif,
Materialanforderungen
und Systemeigenschaften
(IEC 62329-3-102:2010)

This European Standard was approved by CENELEC on 2010-09-01. 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.

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CENELEC

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

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Foreword

The text of document 15/570/FDIS, future edition 1 of IEC 62329-3-102, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62329-3-102 on 2010-09-01.

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

The following dates were fixed:

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|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2011-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2013-09-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62329-3-102:2010 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-11-10 + A1	1999 2003	Fire hazard testing - Part 11-10: Test flames - 50 W horizontal and vertical flame test methods	EN 60695-11-10 + A1	1999 2003
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985
IEC 62329-1	2005	Heat shrinkable moulded shapes - Part 1: Definitions and general requirements	EN 62329-1 + corr. December	2006 2006
IEC 62329-2	2006	Heat shrinkable moulded shapes - Part 2: Methods of test	EN 62329-2	2006
IEC 62329-3-100	2010	Heat-shrinkable moulded shapes - Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance - Sheet 100: Heat- shrinkable moulded shape dimensions	EN 62329-3-100	2010
ISO 1817	2005	Rubber, vulcanized - Determination of the effect of liquids	-	-

INTRODUCTION

This International Standard is one of a series that deals with heat-shrinkable moulded shapes for electrical purposes.

The series consists of three parts:

Part 1: Definitions and general requirements (IEC 62329-1)

Part 2: Methods of test (IEC 62329-2)

Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance (IEC 62329-3)

This standard gives one of the sheets comprising Part 3 as follows:

Sheet 102: Heat-shrinkable elastomeric moulded shapes, semi-rigid, material requirements and system performance

NOTE See IEC 62329-3-100 for moulded shape dimensions.

HEAT-SHRINKABLE MOULDED SHAPES –

Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance – Sheet 102: Heat-shrinkable elastomeric moulded shapes, semi-rigid, material requirements and system performance

1 Scope

This sheet of IEC 62329-3 gives the requirements for heat-shrinkable elastomeric moulded shape, semi-rigid material requirements and system performance.

Experience of product performance indicates that this moulded shape material is suitable for inclusion in systems for operation in the following temperature ranges: $-75\text{ }^{\circ}\text{C}$ to $+120\text{ }^{\circ}\text{C}$.

The moulded shapes may be supplied with a pre-coated adhesive. Refer to the manufacturers/suppliers for options. A guide to adhesive compatibility is given in Annex A.

These moulded shapes are normally supplied in the styles and dimensions given in IEC 62329-3-100. The colour is normally Black.

Styles and dimensions other than those specifically listed in IEC 62329-3-100 may be available as custom items. These items shall be considered to comply with this standard if they comply with the property requirements listed in Table 1 with the exception of dimensions.

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

2 Normative references

The following referenced documents are indispensable for the application 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

IEC 60695-11-10:1999, *Fire hazard testing – Part 11-10: Test flames – 50 W horizontal and vertical flame test methods*
Amendment 1 (2003)

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

IEC 62329-1:2005, *Heat-shrinkable moulded shapes – Part 1: Definitions and general requirements*

IEC 62329-2:2006, *Heat-shrinkable moulded shapes – Part 2: Methods of test*

IEC 62329-3-100:2010, *Heat shrinkable moulded shapes – Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance – Sheet 100: Heat-shrinkable moulded shape dimensions*

ISO 1817:2005, *Rubber, vulcanized - Determination of the effect of liquids*