

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**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**

**Profils thermorétractables –
Partie 3: Exigences relatives aux dimensions des profils, exigences
de matériaux et performances de compatibilité – Feuille 102: Profils
thermorétractables en élastomère, semi-rigides – Exigences relatives
aux matériaux et performances du système**



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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**

FOREWORD

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International Standard IEC 62329-3-102 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

The text of this standard is based on the following documents:

FDIS	Report on voting
15/570/FDIS	15/590/RVD

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

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

A list of all the parts in the IEC 62329 series, under the general title *Heat-shrinkable moulded shapes*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- withdrawn,
- replaced by a revised edition, or
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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 °C to + 120 °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*