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IEC 60454-3-12

Second edition
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Pressure-sensitive adhesive tapes for electrical purposes –

Part 3: Specifications for individual materials – Sheet 12: Requirements for polyethylene and polypropylene film tapes with pressure sensitive adhesive

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PRESSURE-SENSITIVE ADHESIVE TAPES
FOR ELECTRICAL PURPOSES –**
**Part 3: Specifications for individual materials –
Sheet 12: Requirements for polyethylene and polypropylene
film tapes with pressure sensitive adhesive**

FOREWORD

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International Standard IEC 60454-3-12 has been prepared by IEC technical committee 15: Insulating materials.

This second edition of IEC 60454-3-12 replaces the first edition, published in 1998, as well as IEC 60454-3-18, published in 2003. It constitutes a technical revision. This edition replaces the previous second edition and includes its consolidation with the texts of IEC 60454-3-18 (2003).

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

FDIS	Report on voting
15/261/FDIS	15/288/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.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

INTRODUCTION

This International Standard is one of a series, which deals with pressure-sensitive adhesive tapes, intended primarily for electrical purposes.

The series consists of three parts:

Part 1: General requirements (IEC 60454-1)

Part 2: Methods of test (IEC 60454-2)

Part 3: Specifications for individual materials (IEC 60454-3)

This standard contains one of the sheets comprising part 3 as follows:

Sheet 12:

Polyethylene and polypropylene film tapes pressure sensitive adhesives.

SAFETY WARNING

It is the responsibility of the user of the methods contained or referred to in this standard to ensure that they are used in a safe manner.

PRESSURE-SENSITIVE ADHESIVE TAPES FOR ELECTRICAL PURPOSES –

Part 3: Specifications for individual materials – Sheet 12: Requirements for polyethylene and polypropylene film tapes with pressure sensitive adhesive

1 Scope

This sheet of IEC 60454-3 contains requirements for polyethylene and polypropylene film tapes with pressure sensitive adhesives

Materials which 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 60426:1973, *Test methods for determining electrolytic corrosion with insulating materials*

IEC 60454-1:1992, *Specifications for pressure-sensitive adhesive tapes for electrical purposes – Part 1: General requirements*

IEC 60454-2:1994, *Specifications for pressure-sensitive adhesive tapes for electrical purposes – Part 2: Methods of test*