
Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 7: Requirements for fluoroethylene-propylene (FEP) films used for electrical insulation (IEC 60674-3-7:1992)

Specification for plastic films for electrical purposes -- Part 3: Specifications for individual materials -- Sheet 7: Requirements for fluoroethylene-propylene (FEP) films used for electrical insulation

Bestimmung für Isolierfolien für elektrotechnische Zwecke -- Teil 3: Anforderungen für einzelne Werkstoffe -- Blatt 7: Anforderungen an Fluorethylenpropylen-(FEP)-Folien zur elektrischen Isolierung

<https://standards.iteh.ai/catalog/standards/sist/7B384660-23dc-4eb3-b6ad-410c-b221e0707230>

Spécification pour les films en matière plastique à usages électriques -- Partie 3: Spécifications pour matériaux particuliers -- Feuille 7: Prescriptions pour les films de fluoroéthylène-propylène (FEP) utilisés dans l'isolation électrique

Ta slovenski standard je istoveten z: EN 60674-3-7:1998

ICS:

29.035.20 Účelom je definovať požiadavky na plastové a kaučukové izolujúce materiály

SIST EN 60674-3-7:2001**en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60674-3-7:2001

<https://standards.iteh.ai/catalog/standards/sist/7f384660-23dc-4eb3-b6ad-12f9cae17eaf/sist-en-60674-3-7-2001>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60674-3-7

April 1998

ICS 29.035.20

Descriptors: Electrical insulating materials, solid electrical insulating materials, insulating films, plastic films, specifications

English version

**Specification for plastic films for electrical purposes
Part 3: Specifications for individual materials
Sheet 7: Requirements for fluoroethylene-propylene (FEP) films
used for electrical insulation
(IEC 60674-3-7:1992)**

Spécification pour les films en matière
plastique à usages électriques
Partie 3: Spécifications pour matériaux
particuliers

Feuille 7: Prescriptions pour les films de
fluoroéthylène-propylène (FEP) utilisés
dans l'isolation électrique
(CEI 60674-3-7:1992)

Bestimmung für Isolierfolien für
elektrotechnische Zwecke
Teil 3: Anforderungen für einzelne
Werkstoffe

Blatt 7: Anforderungen an
Fluorethylenpropylen-(FEP)-Folien zur
elektrischen Isolierung
(IEC 60674-3-7:1992)

<https://standards.iteh.ai/catalog/standards/sist/7384660-23dc-4eb3-b6ad-129cae17eaf/sist-en-60674-3-7-2001>

This European Standard was approved by CENELEC on 1998-04-01. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of the International Standard IEC 60674-3-7:1992, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was submitted to the formal vote and was approved by CENELEC as EN 60674-3-7 on 1998-04-01 without any modification.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1998-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1998-12-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60674-3-7:1992 was approved by CENELEC as a European Standard without any modification.

(standards.iteh.ai)

[SIST EN 60674-3-7:2001](https://standards.iteh.ai/catalog/standards/sist/7B84660-23dc-4eb3-b6ad-12f9cae17eaf/sist-en-60674-3-7-2001)

<https://standards.iteh.ai/catalog/standards/sist/7B84660-23dc-4eb3-b6ad-12f9cae17eaf/sist-en-60674-3-7-2001>



Annex ZA (normative)

Normative references to international publications
with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60674-1	1980	Specification for plastic films for electrical purposes Part 1: Definitions and general requirements	EN 60674-1	1998
IEC 60674-2 + corr. November	1988 1995	Part 2: Methods of test	EN 60674-2	1998
IEC 60757	1983	Code for designation of colours	HD 457 S1	1985

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 60674-3-7:2001](https://standards.iteh.ai/catalog/standards/sist/7B84660-23dc-4eb3-b6ad-129cae17eaf/sist-en-60674-3-7-2001)

<https://standards.iteh.ai/catalog/standards/sist/7B84660-23dc-4eb3-b6ad-129cae17eaf/sist-en-60674-3-7-2001>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60674-3-7:2001

<https://standards.iteh.ai/catalog/standards/sist/7f384660-23dc-4eb3-b6ad-12f9cae17eaf/sist-en-60674-3-7-2001>

NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
674-3-7

Première édition
First edition
1992-04

Spécification pour les films en matière plastique
à usages électriques

Partie 3:

Spécifications pour matériaux particuliers

Feuille 7: Prescriptions pour les films de fluoroéthylène-
propylène (FEP) utilisés dans l'isolation électrique

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Specification for plastic films for electrical
purposes

Part 3:

Specifications for individual materials

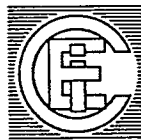
Sheet 7: Requirements for fluoroethylene-propylene
(FEP) films used for electrical insulation

© CEI 1992 Droits de reproduction réservés — Copyright — all rights reserved

Aucune partie de cette publication ne peut être reproduite ni
utilisée sous quelque forme que ce soit et par aucun pro-
cédé, électronique ou mécanique, y compris la photocopie et
les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in
any form or by any means, electronic or mechanical,
including photocopying and microfilm, without permission
in writing from the publisher.

Bureau Central de la Commission Electrotechnique Internationale 3, rue de Varembe Genève, Suisse



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

J

Pour prix, voir catalogue en vigueur
For price, see current catalogue

CONTENTS

	Page
FOREWORD	5
INTRODUCTION	7
Clause	
1 General	9
1.1 Scope	9
1.2 Normative references	9
1.3 Classification	9
2 Designation	9
3 General requirements	11
4 Dimensions	11
4.1 Thickness	11
4.2 Width	11
5 Properties	13
5.1 Properties not dependent on thickness	13
5.2 Properties dependent on thickness	13
5.3 Other properties	15
6 Roll characteristics for all types	15
6.1 Roll diameter/film length	15
6.2 Windability/sag	15
6.3 Joins	15
6.4 Roll width	17
6.5 Cores	17

iTech STANDARD PREVIEW
(standards.itech.ai)

SIST EN 60674-3-7:2001

[https://standards.itech.ai/catalog/standards/sist/7584660-23dc-4eb3-bbad-](https://standards.itech.ai/catalog/standards/sist/7584660-23dc-4eb3-bbad-122cac17ca/sist-en-60674-3-7-2001)

[122cac17ca/sist-en-60674-3-7-2001](https://standards.itech.ai/catalog/standards/sist/7584660-23dc-4eb3-bbad-122cac17ca/sist-en-60674-3-7-2001)

INTERNATIONAL ELECTROTECHNICAL COMMISSION

SPECIFICATION FOR PLASTIC FILMS FOR
ELECTRICAL PURPOSESPart 3: Specifications for individual materials
Sheet 7: Requirements for fluoroethylene-propylene (FEP) films
used for electrical insulation

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.
- 4) The IEC has not laid down any procedure concerning marking as an indication of approval and has no responsibility when an item of equipment is declared to comply with one of its recommendations.

This International Standard has been prepared by Sub-Committee 15C: Specifications, of IEC Technical Committee No. 15: Insulating materials.

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

DIS	Report on Voting
15C(CO)281	15C(CO)307

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