

**SLOVENSKI
STANDARD**

SIST HD 27 S1:2001

prva izdaja
februar 2001

Colours of the cores of flexible cables and cords

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST HD 27 S1:2001](https://standards.iteh.ai/catalog/standards/sist/7035f001-d7a9-45ec-8cd0-e8f227352dab/sist-hd-27-s1-2001)

<https://standards.iteh.ai/catalog/standards/sist/7035f001-d7a9-45ec-8cd0-e8f227352dab/sist-hd-27-s1-2001>

ICS 01.070; 33.120.20

Referenčna številka
SIST HD 27 S1:2001(en)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST HD 27 S1:2001

<https://standards.iteh.ai/catalog/standards/sist/7035f001-d7a9-45ec-8cd0-e8f227352dab/sist-hd-27-s1-2001>

Colours of the cores of flexible cables and cords

Couleurs pour les conducteurs des
câbles souples

Farben der Adern von flexiblen
Kabeln und Schnüren

RD: IEC 173 (1964) ed 1; IEC/SC 20B (not appended)

The Harmonization Document consists of the following:

- Title Page (standardsitech.ai) Related to Directive: -

SIST HD 27 S1:2001

date of ratification : 1974-05-07
date of announcement : <https://standards.iteh.ai/en/standards/sist/7035/001-d7a9-45ee-8ed0-e81227352dab/sist-hd-27-s1-2001>
date of latest publication : 1976-01-01
date of withdrawal :

List of national deviations

LIST OF NATIONAL STANDARDS IS GIVEN OVERLEAF

AT : NOS

BE : NBN C 32-123 (1976); NBN C 32-131 (1976)

CH : SEV/ASE 1081.1986; SEV/ASE 1082.1986

DE : DIN VDE 0293/10.77

DK : NOS

ES : UNE 21089 (I)

FI :

FR : NF C 15-100 (1976); UTE C 15-123 (1971)

GB : BS 6500 : 1984

GR : SP

IE : IS 167 : 1969

IT : CEI-UNEL 00722-74

LU : NOS

NL : NEN 15 002 (1964); NEN 15 013 (1964); NEN 15 002-A (1966); NEN 15 002-1 (1970); NEN 15 013-1 (1970); NEN 15 013-2 (1971)

NO : NEMKO 181/64; NEMKO 182/64

PT : NP-917 (1972)

SE : SEN 24 17 20 (1974)

ITeH STANDARD PREVIEW
(standards.iteh.ai)

SIST HD 27 S1:2001

<https://standards.iteh.ai/catalog/standards/sist/7035f001-d7a9-45ec-8cd0-e8f227352dab/sist-hd-27-s1-2001>

COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

(affiliée à l'Organisation internationale de Normalisation — ISO)

RECOMMANDATION DE LA C E I

INTERNATIONAL ELECTROTECHNICAL COMMISSION

(affiliated to the International Organization for Standardization — ISO)

IEC RECOMMENDATION

Publication 173

Première édition — First edition

1964

Couleurs pour les conducteurs des câbles souples

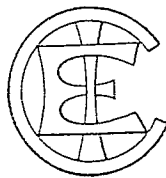
iTeh STANDARD PREVIEW

(standards.iteh.ai)

Colours of the cores of flexible cables and cords

SIST HD 27 S1:2001

<https://standards.iteh.ai/catalog/standards/sist/7035f001-d7a9-45ec-8cd0-e8f227352dab/sist-hd-27-s1-2001>



Droits de reproduction réservés — Copyright - all rights reserved

Bureau Central de la Commission Electrotechnique Internationale

1, rue de Varembe
Genève, Suisse

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COLOURS OF THE CORES OF FLEXIBLE CABLES AND CORDS

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 this international unification, the IEC expresses the wish that all National Committees having as yet no national rules, when preparing such rules, should use the IEC recommendations as the fundamental basis for these rules in so far as national conditions will permit.
- 4) The desirability is recognized of extending international agreement on these matters through an endeavour to harmonize national standardization rules with these recommendations in so far as national conditions will permit. The National Committees pledge their influence towards that end.

PREFACE

iTeh STANDARD PREVIEW

This Recommendation has been prepared by Sub-Committee 20 B, Low-Voltage Cables with Rubber or P.V.C. Insulation, of Technical Committee No. 20, Electric Cables, starting from a resolution accepted by the International Commission on Rules for the Approval of Electrical Equipment (CEE).

The resolution of the CEE was discussed at the meeting of Sub-Committee 20 B at Interlaken in 1961 and a draft Recommendation on this subject was discussed at its meeting in Bucharest in 1962.

At its meeting in Bucharest, Technical Committee No. 20 accepted the draft Recommendation, which was submitted to the National Committees for approval under the Six Month's Rule in August 1962.

The following countries voted explicitly in favour of publication:

Australia	Netherlands
Austria	Norway
Belgium	Romania
Czechoslovakia	South Africa
Denmark	Sweden
Finland	Switzerland
Germany	Turkey
Greece	United Kingdom
Italy	

The French National Committee voted against the draft Recommendation, but only because this Committee does not agree with the word "exclusively" in Sub-clause 3.1, i.e. the French Committee does not agree that in France use of the green/yellow core as a phase conductor should be prohibited where there is no protective conductor in a flexible cable or cord.

COLOURS OF THE CORES OF FLEXIBLE CABLES AND CORDS

1. Scope

This Recommendation applies to flexible cables and cords with not more than five cores.

2. Object

The object of this Recommendation is to establish a standard colour identification for the earthing core in flexible cables and cords. The introduction of the same identification code in all countries would remove the risk of accidents due to connecting plugs to flexible cables or cords attached to imported appliances. This risk may occur where the colour standardized for the identification of the earthing core in the country of import is different from that standardized in the country of export.

3. Colours to be used for the identification of the core for earthing or similar purposes

- ITeh STANDARD PREVIEW**
(standards.iteh.ai)
SIST HD 27 S1:2001
<https://standards.iteh.ai/catalog/standards/sist/7035f001-d7a9-45ec-8cd0-30e0330e0304/sist-27-s1-2001>
- 3.1 In flexible cables and cords the colours green and yellow used in combination, as set out in Sub-clause 3.2, shall be used exclusively for the identification of the core for earthing or similar protective purposes.
 - 3.2 On any length of 15 mm of such core, one of the colours green or yellow shall cover not less than 30%, and not more than 70%, of the surface of the core, the other colour covering the remainder of the surface.
 - 3.3 These colours shall be indelible.
 - 3.4 Colour combinations shall not be used for the other cores.
 - 3.5 For the other cores in flexible cables and cords with three or more than three cores, preference should be given to the colours blue, black and brown, and the use of the colours green, yellow, red, grey and white should preferably be avoided.*)

*) In a number of European countries, the use of the colours green, yellow, red, grey and white for the identification of the cores in flexible cables and cords with three or more than three cores is prohibited by national specifications, in accordance with the recommendations of the CEE.