

**Kummiisolatsiooniga kaablid
nimipingega kuni 450/750 V. Osa 8:
Polükloropreenist või sellega
samaväärsest sünteetilisest
elastomeerist mantliga kaablid
dekoratiivkettidele**

Rubber insulated cables of rated voltages up to and including 450/750 V - Part 8: Polychloroprene or equivalent synthetic elastomer sheathed cable for decorative chains

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-HD 22.8 S2:2001 sisaldab Euroopa standardi HD 22.8 S2:1994 + A1:1999 ingliskeelset teksti. Käesolev dokument on jõustatud 10.10.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-HD 22.8 S2:2001 consists of the English text of the European standard HD 22.8 S2:1994 + A1:1999. This document is endorsed on 10.10.2001 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
--	---

ICS 29.060.20

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

Right to reproduce and distribute Estonian Standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without permission in writing from Estonian Centre for Standardisation.

If you have any questions about standards copyright, please contact Estonian Centre for Standardisation:
Aru str 10 Tallinn 10317 Estonia; www.evs.ee; Phone: +372 605 5050; E-mail: info@evs.ee

HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

HD 22.8 S2

December 1994

ICS 29.060.20

Supersedes HD 22.8 S1:1992 + amendment

Descriptors: Electrical installation, insulated cable, outer sheath, rubber, lighting chain

English version

**Rubber insulated cables of rated voltages up to
and including 450/750 V
Part 8: Polychloroprene or equivalent synthetic elastomer sheathed
cable for decorative chains**

Conducteurs et câbles isolés au
caoutchouc de tension assignée au plus
égale à 450/750 V

Partie 8: Câbles sous gaine en
polychloroprène ou élastomère
synthétique équivalent pour guirlandes
lumineuses

Isolierte Starkstromleitungen mit einer
Isolierung aus Gummi mit
Nennspannungen bis 450/750 V
Teil 8: Starkstromleitungen mit einem
Mantel aus Polychloropren oder
gleichwertigem synthetischen Gummi
für Lichterketten

This Harmonization Document was approved by CENELEC on 1994-05-15. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

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

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, 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

HD22 was originally adopted by CENELEC on 9th July 1975.

Edition 2 of HD22 was implemented on 1st January 1984, and at that time contained four parts.

Since 1984, new parts have been published, original parts amended, and in addition HD 505 has superseded HD 385 as the cross-reference for test methods.

This Edition 2 of HD 22.8 has been introduced to cover the complete revision of the overall dimensions in line with EN 60719.

HD22 now has the following parts: (* = new publication or new edition available shortly)

HD22.1 S2	-	General requirements (with AM1 to AM10)
HD22.2 S2	-	Test methods (with AM1 to AM4 inclusive)
HD22.3 S3*	-	Heat resistant silicone rubber insulated cables
HD22.4 S3*	-	Cords and flexible cables
HD22.5	-	(Spare)
HD22.6 S2*	-	Arc welding cables
HD22.7 S2*	-	Cables with increased heat resistance for internal wiring for a conductor temperature of 110°C
HD22.8 S2	-	Polychloroprene or equivalent synthetic elastomer sheathed cable for use as decorative chains
HD 22.9 S2*	-	Single core non-sheathed cables for fixed wiring having low emission of smoke and corrosive gases
HD 22.10 S1	-	EPR insulated and polyurethane sheathed flexible cables
HD 22.11 S1*	-	EVA cords and flexible cables
HD 22.12 S1*	-	Heat resistant EPR cords and flexible cables
HD 22.13 S1*	-	Single and multicore flexible cables, insulated and sheathed with crosslinked compound and having low emission of smoke and corrosive gases
HD 22.14 S1*	-	Cords for applications requiring high flexibility

In order that this revision of Part 8 of HD 22 does not introduce unnecessary changes to long-established clause numbers, the Normative References (which would otherwise be inserted as clause 2) are given in Annex A.

At the request of CENELEC TC20 'Electric Cables' this draft was submitted to the CENELEC Unique Acceptance Procedure (UAP) in November 1993 and was approved by CENELEC as HD 22.8 S2 on 1994-05-15.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level	(doa)	1995-01-15
- latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement	(dop)	1995-07-15
- latest date by which the national standards conflicting with the HD have to be withdrawn	(dow)	1995-07-15

For products which have complied with the previous edition of this standard before 1995-07-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1996-07-15.

CONTENTS

	Page
1. Scope	4
2. Polychloroprene or equivalent synthetic elastomer sheathed cable for decorative chains	
2.1 Code designation	4
2.2 Rated voltage	4
2.3 Construction	4
2.4 Tests	5
2.5 Guide to use	5
3. Polychloroprene or equivalent synthetic elastomer sheathed cable for decorative chains used with designated lampholders	
3.1 Code designation	9
3.2 Rated voltage	9
3.3 Construction	9
3.4 Tests	10
3.5 Guide to Use	10
Annex A: Normative references (normative)	13
Annex B: Bibliography (informative)	14

**RUBBER INSULATED CABLES
OF RATED VOLTAGE UP TO AND INCLUDING 450/750V**

**PART 8 : POLYCHLOROPRENE OR EQUIVALENT SYNTHETIC ELASTOMER SHEATHED CABLE
FOR DECORATIVE CHAINS**

1. Scope

This Part 8 of the HD details the particular requirements for rubber insulated, polychloroprene, or other equivalent synthetic elastomer, sheathed cable of rated voltage U_0/U not exceeding 300/500V for use as decorative chains.

Each cable shall comply with the appropriate requirements given in Part 1 of this HD and the particular requirements of this Part.

NOTE: The overall dimensions in this Part of HD 22 have been calculated in accordance with EN 60719

2. Polychloroprene or equivalent synthetic elastomer, sheathed cable for decorative chains

2.1 Code designation

H05RN-F for single core cables
H05RNH2-F for flat two core cables

2.2 Rated voltage

300/500V

2.3 Construction

2.3.1 Conductor

Number of conductors: 1 or 2

The conductors shall comply with the requirements given in HD 383 for Class 5 conductors. The wires may be plain or tinned.

2.3.2 Separator

A separator of suitable material may be applied around each conductor.

2.3.3 Insulation

The insulation shall be rubber compound of the type EI 4 applied around each conductor.

The insulation shall be applied by extrusion.

The insulation thickness shall comply with the specified value given in Table I, column 2 of this Part.

2.3.4 Assembly of cores

The cores of the two core cables shall be laid in parallel. The distance between the centre of conductors shall comply with the mean values given in Table I, columns 3 and 4 of this Part.