

STN	Oznamovacie káble. Špecifikácie skúšobných metód. Časť 3-8: Mechanické skúšobné metódy. Odolnosť označenia na plášti kábla.	STN EN 50289-3-8 34 7031
------------	--	--

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Obsahuje: EN 50289-3-8:2013

Oznámením tejto normy sa od 16.9.2016 ruší
STN EN 50289-3-8 (34 7031) z apríla 2002

118717

English version

**Communication cables -
 Specifications for test methods -
 Part 3-8: Mechanical test methods -
 Abrasion resistance of cable sheath markings**

Câbles de communication -
 Spécifications des méthodes d'essai -
 Partie 3-8: Méthodes d'essais mécaniques
 -
 Résistance à l'abrasion du marquage de
 la gaine

Kommunikationskabel -
 Spezifikationen für Prüfverfahren -
 Teil 3-8: Mechanische Prüfverfahren -
 Abriebfestigkeit der Markierung des
 Kabelmantels

This European Standard was approved by CENELEC on 2013-09-16. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

CENELEC

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

Contents

Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Test method.....	4
4.1 Equipment	4
4.1.1 Method 1.....	4
4.1.2 Method 2.....	4
4.2 Test sample	4
4.3 Procedure	5
4.3.1 Method 1.....	5
4.3.2 Method 2.....	5
4.4 Requirements	5
5 Test report	6

Foreword

This document (EN 50289-3-8:2013) was prepared by CLC/TC 46X "Communication cables".

The following dates are fixed:

- latest date by which this document has (dop) 2014-09-16
to be implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2016-09-16
standards conflicting with this
document have to be withdrawn

This document supersedes EN 50289-3-8:2001.

The abrasion resistance test in EN 50289-3-8 has been amended to include the following elements:

- number of cycles: 50; force: 4 N; and needle diameter: 1 mm.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

EN 50289-3, *Communication cables — Specifications for test methods*, is divided into the following sub-parts:

- *Part 3-1: Mechanical test methods — General requirements;*
- *Part 3-2: Mechanical test methods — Tensile strength and elongation for conductor;*
- *Part 3-4: Mechanical test methods — Tensile strength, elongation and shrinkage of insulation and sheath;*
- *Part 3-5: Mechanical test methods — Crush resistance of the cable;*
- *Part 3-6: Mechanical test methods — Impact resistance of the cable;*
- *Part 3-7: Mechanical test methods — Abrasion resistance of the cable sheath;*
- *Part 3-8: Mechanical test methods — Abrasion resistance of cable sheath markings [the present document];*
- *Part 3-9: Mechanical test methods — Bending tests;*
- *Part 3-10: Mechanical test methods — Torsion and twisting;*
- *Part 3-11: Mechanical test methods — Cable cut-through resistance;*
- *Part 3-12: Mechanical test methods — Shot gun damage;*
- *Part 3-13: Mechanical test methods — Aeolian vibration;*
- *Part 3-15: Mechanical test methods — Underwater cable resistance to hydrostatic pressure;*
- *Part 3-16: Mechanical test methods — Cable tensile performance;*
- *Part 3-17: Mechanical test methods — Adhesion of dielectric and sheath.*

1 Scope

This European Standard details the method of test to determine the ability of the sheath markings of a finished cable used in analogue and digital communication systems to withstand abrasion.

It will be read in conjunction with EN 50289-3-1, which contains essential provisions for its application.

Depending on the kind of marking and as indicated in the relevant cable specification, one of the following two methods will be used:

- Method 1: is suitable for rigid marking types like embossing, indenting and sintering;
- Method 2: is applicable to marking types other than embossing, indenting and sintering.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50289-3-1, *Communication cables — Specifications for test methods — Part 3-1: Mechanical test methods — General requirements*

EN 50290-1-2, *Communication cables — Part 1-2: Definitions*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN