



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 14959:2006

ICS 61.040

**TOUCH AND CLOSE FASTENERS -
DETERMINATION OF RESISTANCE TO
FRAYING AFTER WASHING**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
<http://www.standards.ie>

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland and comes into
effect on:
April 21, 2006*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2006

Price Code E

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 14959

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2006

ICS 61.040

English Version

Touch and close fasteners - Determination of resistance to fraying after washing

Fermetures auto-agrippantes - Détermination de la résistance à l'effilochage après lavage

Haftverschlüsse - Bestimmung der Kantenschnittfestigkeit nach dem Waschen

This European Standard was approved by CEN on 30 December 2005.

CEN 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 CEN 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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Principle	4
4	Apparatus	4
5	Test specimen	4
6	Conditioning	5
7	Procedure	5
8	Test report	5
Bibliography		9

Foreword

This European Standard (EN 14959:2006) has been prepared by Technical Committee CEN/TC 248 “Textiles and textile products”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2006, and conflicting national standards shall be withdrawn at the latest by August 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

EN 14959:2006 (E)

1 Scope

This European Standard specifies a method for determining the resistance to fraying of touch and close fasteners.

2 Normative references

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12241, *Touch and close fasteners — Method for closure prior to washing and drying or dry cleaning*

EN ISO 139, *Textiles — Standard atmospheres for conditioning and testing (ISO 139:2005)*

EN ISO 6330, *Textiles — Domestic washing and drying procedures for textile testing (ISO 6330:2000)*

3 Principle

In order to measure its resistance to fraying, the male or female component is cut along its longitudinal axis, sewn on a fabric, on three of its edges (as shown in Figure 1), then assembled with its male or female counterpart (as shown in Figure 2), using the roller specified in EN 12241, then washed according to the specified procedure described in EN ISO 6330.

4 Apparatus

- 4.1 Long pair of scissors to cut the samples at a length of 50 mm in one stroke.
- 4.2 Loading fabric, polyester/cotton (50 %/50 %) 130 g/m².
- 4.3 Washing machine as specified in EN ISO 6330.
- 4.4 A metal roller as specified in EN 12241.

5 Test specimen

Cut a specimen of male or female tape, to be tested for resistance to fraying, of 50 mm length.

Cut a specimen of the male or female counterpart of same width, of 70 mm length.

Cut a specimen of loading fabric, of 75 mm length and of width equal to the width of the sample of tape to be tested plus 25 mm.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-