



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**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 14959

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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.

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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of an identical text or by endorsement, at the latest by August 2006, and conflicting national standards shall be withdrawn at the latest by August 2006.

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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.

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