



BSI Standards Publication

Rubber- or plastics-coated fabrics — Determination of tear strength

Part 3: Trapezoidal method (five-highest-peak calculation)

National foreword

This British Standard is the UK implementation of EN 1875-3:2023. It supersedes BS EN 1875-3:1998, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee TCI/100, Co-ordination of activities in textiles and clothing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Rubber- or plastics-coated fabrics - Determination of tear strength - Part 3: Trapezoidal method (five-highest-peak calculation)

Supports textiles revêtus de caoutchouc ou de plastique - Détermination de la résistance au déchirement - Partie 3 : Méthode sur éprouvettes trapézoïdales (calcul des cinq pics les plus hauts)

Mit Kautschuk oder Kunststoff beschichtete Textilien - Bestimmung der Weiterreißfestigkeit - Teil 3: Verfahren mit trapezförmigen Probekörpern (Berechnung der fünf höchsten Scheitelwerte)

This European Standard was approved by CEN on 25 December 2022.

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European foreword

This document (EN 1875-3:2023) 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of an identical text or by endorsement, at the latest by August 2023, and conflicting national standards shall be withdrawn at the latest by August 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1875-3:1997.

In comparison with the previous edition, the main technical changes are as follows:

- in the title: addition of the mention of the five-highest-peak calculation;
- in Clause 2: substitution of EN 22286 (and correction) by EN ISO 2286-1 and EN ISO 2286-3;
- in Clause 3: addition of term and definition of “tear force” (3.4);
- in Clause 5: addition of clamping system; specification of the minimum width of the jaws (5.2);
- in 6.1: clarification of atmosphere for conditioning and testing; specification of the duration of conditioning for textiles coated on one and both sides;
- gathering of former 6.3, 6.4 and 6.5 to one sub-clause (new 6.3) called “Selection and preparation of test pieces”;
- in 6.5, supplement description of the preparation on coated woven substrates;
- in Clause 7: addition of further requirements (for example, no slippage, tear propagation) on testing;
- in Clause 8: the calculation (expression of results) has been changed to be based on the entire trace;
- addition of Figure A.1 – test specimen.

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