



ISO 9073-18

Nonwovens — Test methods —

**Part 18:
Determination of tensile strength
and elongation at break using the
grab tensile test**

Nontissés — Méthodes d'essai —

*Partie 18: Détermination de la résistance à la traction et de
l'allongement à la rupture par l'essai d'arrachement par traction*

**Second edition
2023-11**

**Corrected version
2024-05**

This is a preview of ISO 9073-18:2023. [Click here to purchase the full version from the ANSI store.](#)



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Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	3
5 Reagents and materials	3
6 Apparatus	3
7 Sampling	4
7.1 Lot sampling.....	4
7.2 Laboratory sample.....	5
7.3 Test specimens.....	5
8 Conditioning	5
9 Preparation of test specimens	6
9.1 General.....	6
9.2 Dimensions.....	6
9.3 Marking on the test specimen.....	6
9.4 Wet test specimens.....	6
10 Preparation, calibration and verification of apparatus	6
10.1 Tensile testing machine.....	6
10.2 Clamping system.....	7
10.3 Verification of the total operating system of the apparatus.....	7
11 Procedure	7
11.1 Gauge length.....	7
11.2 Rate of extension.....	8
11.3 Mounting of test specimens.....	8
11.4 Operation.....	8
11.4.1 General.....	8
11.4.2 Slippage.....	8
11.4.3 Jaw breaks.....	8
12 Calculation	9
12.1 Breaking force.....	9
12.2 Apparent elongation.....	9
13 Expression of results	9
14 Precision and bias	9
15 Test report	9
Annex A (informative) Possible causes of low precision when grab strength testing	11
Bibliography	12

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This second edition cancels and replaces the first edition (ISO 9073-18:2007), which has been technically revised.

The main changes are as follows:

- the title has been changed from "Determination of breaking strength and elongation of nonwoven material using the grab tensile test" to "Determination of tensile strength and elongation at break using the grab tensile test";
- the Scope has been clarified and made precise;
- new terms have been added to the list of terms in [Clause 3](#);
- new following new Clauses have been added and subsequent clauses have been renumbered:
 - [Clause 7](#), Sampling;
 - [Clause 8](#), Conditioning;
 - [Clause 9](#), Preparation of specimens;
 - [Clause 10](#), Preparation, calibration and verification of apparatus;
 - [Clause 13](#), Expression of results;
 - [Clause 14](#), Precision and bias.

A list of all parts in the ISO 9073 series can be found on the ISO website.

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This corrected version of ISO 9073-18:2023 incorporates the following corrections:

- in [3.7](#), Note 1 to entry has been deleted;
- in [9.2](#), the gauge length has been corrected;
- in [11.1](#) and [11.2](#), Options A and B have been deleted.