



**International
Standard**

ISO 9092

Nonwovens — Vocabulary

Nontissés — Vocabulaire

**Fourth edition
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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 General terminology.....	1
3.2 Auxiliary terminology to distinguish nonwovens from other materials.....	2
Bibliography	3
Index	4

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Foreword

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This document was prepared by Technical Committee ISO/TC 38, *Textiles*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 9092:2019), which has been technically revised.

The main changes are as follows.

- The revisions focus on grammatical accuracy and consistency.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Nonwovens — Vocabulary

1 Scope

This document defines the term nonwovens and provides auxiliary terminology to distinguish nonwovens from other materials.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1 General terminology

3.1.1 nonwoven

engineered (3.1.2) fibrous assembly, primarily planar, which has been given a designed level of structural integrity by physical and/or chemical bonding processes, excluding weaving, knitting or paper-making

3.1.2 engineered

designed, developed or modified through the deliberate application of scientific, technical and engineering principles to meet defined functional, performance or utility specifications

3.1.3 fibrous assembly

predetermined amount and arrangement of natural or manufactured fibrous material, such as, but not limited to, fibres, continuous filaments, or chopped yarns of any length or cross-section

Note 1 to entry: It can be a two- or three-dimensional alignment of fibrous materials made by a web forming process.

3.1.4 structural integrity

measurable level of added tensile strength

3.1.5 physical and/or chemical bonding processes

bonding technologies that result in frictional forces between fibres (through entanglement) or adhesive forces between fibres (with or without the use of binders)