

INTERNATIONAL STANDARD

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Draughting media for technical drawings — Draughting film with polyester base —

Part 2: Determination of properties

*Supports de traçage pour dessins techniques — Films à dessin à base
de polyester —*

Partie 2: Détermination des propriétés



Reference number
ISO 9958-2:1992(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9958-2 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Sub-Committee SC 9, *Media and equipment for drawing and related documentation*.

ISO 9958 consists of the following parts, under the general title *Draughting media for technical drawings — Draughting film with polyester base*:

- *Part 1: Requirements and marking*
- *Part 2: Determination of properties*

Annex A of this part of ISO 9958 is for information only.

Draughting media for technical drawings — Draughting film with polyester base —

Part 2:

Determination of properties

1 Scope

This part of ISO 9958 specifies test methods for determining the properties of draughting film with a biaxially oriented polyethylene terephthalate base (commonly known as a polyester base), to be used as a medium for drawn and written information which it is possible to duplicate, revise and store.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 9958. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 9958 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 5-2:1991, *Photography — Density measurements — Part 2: Geometric conditions for transmission density*.

ISO 5-3:1984, *Photography — Density measurements — Part 3: Spectral conditions*.

ISO 6221:1991, *Photography — Films and papers — Determination of dimensional change*.

ISO 9175-1:1988, *Tubular tips for hand-held technical pens using India ink on tracing paper — Part 1: Definitions, dimensions, designation and marking*.

ISO 9177-1:1989, *Mechanical pencils — Part 1: Classification, dimensions, performance requirements and testing*.

ISO 9177-2:1989, *Mechanical pencils — Part 2: Black leads — Classification and dimensions*.

ISO 9957-1:1992, *Fluid draughting media — Part 1: Water-based India ink for tracing paper — Requirements and test conditions*.

ISO 9958-1:1992, *Draughting media for technical drawings — Draughting film with polyester base — Part 1: Requirements and marking*.

IEC 93:1980, *Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials*.

3 Definitions

For the purposes of this part of ISO 9958, the definitions given in ISO 9958-1 apply.

4 Testing — General

The atmosphere for conditioning and testing shall be $(23 \pm 2) ^\circ\text{C}$ and $(50 \pm 5) \%$ relative humidity. (Such an atmosphere is in conformity with ISO 554⁽¹⁾, normal tolerances.)

Film packages free from defects shall be used.