
Fluid draughting media —

Part 3:

**Water-based coloured draughting inks —
Requirements and test conditions**

Fluides à dessins —

*Partie 3: Encres aqueuses colorées à dessin — Prescriptions et conditions
d'essai*



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 9957-3 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 9, *Media and equipment for drawing and related documentation*.

ISO 9957 consists of the following parts, under the general title *Fluid draughting media*:

- *Part 1: Water-based India ink — Requirements and test conditions*
- *Part 2: Water-based non-India ink — Requirements and test conditions*
- *Part 3: Water-based coloured draughting inks*

Annex A forms an integral part of this part of ISO 9957.

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Fluid draughting media —

Part 3:

Water-based coloured draughting inks — Requirements and test conditions

1 Scope

This part of ISO 9957 specifies the requirements and test conditions for water-based coloured draughting inks intended for use in tubular technical pens. The pen and ink combinations are intended primarily to provide for coloured lines and filled areas on natural tracing paper conforming to ISO 9961 and other draughting media.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 9957. 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 9957 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 105-B02:1994, *Textiles — Tests for colour fastness — Part: Colour fastness to artificial light: Xenon arc fading lamp test.*

ISO 105-J03:1995, *Textiles — Test for colour fastness — Part J03: Calculation of colour differences.*

ISO 128-20:1996, *Technical drawings — General principles of presentation — Part 20: Basic conventions for lines.*

ISO 554:1976, *Standard atmospheres for conditioning and/or testing — Specifications.*

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 9175-2:1988, *Tubular tips for hand-held technical pens using India ink on tracing paper — Part 2: Performance, test parameters and test conditions.*

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 — Requirements and test conditions.*

ISO 9957-2:1995, *Fluid draughting media — Part 2: Water-based non-India ink — Requirements and test conditions.*

ISO 9961:1992, *Draughting media for technical drawings — Natural tracing paper.*

CIE Publication No. 15.2:1986, *Colorimetry.*

3 Definitions

For the purposes of this part of ISO 9957, the definitions given in ISO 9957-1 and the following definition apply.