Draft for Public Comment

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Responsible committee: TCI/100 Co-ordination of activities in textiles and clothing

Interested committees:

Title: Draft BS EN ISO 6941 Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

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- All comments should be submitted online at **https://standardsdevelopment.bsigroup.com/**. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx

1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex **(e.g. 3.1)**	Paragraph/ Figure/Table/Note	**Type of comment**	**Commend (justification for change) by the MB**	**Proposed change by the MB**	**Secretariat observations on each comment submitted**
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

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DRAFT International Standard

ISO/DIS 6941

Textile fabrics — Burning behaviour — Measurement of flame spread properties of vertically oriented specimens

Textiles — Comportement au feu — Détermination des propriétés de propagation de flamme d'éprouvettes orientées verticalement

ICS: 59.080.30; 13.220.40

ISO/TC **38**

Secretariat: **JISC**

Voting begins on:
2025-05-19

Voting terminates on:
2025-08-11

This document is circulated as received from the committee secretariat.

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 38, *Textiles*.

This third edition cancels and replaces the second edition (ISO 6941:2003), which has been technically revised.

The main changes are as follows:

— the figure of the second edition was revised that the angular dimension line and the shape of the the tip of the gas jet were incorrectly and it is necessary to match the Amendment of the first edition (ISO 6941:1984/Amd.1:1992), without any structural changes;

— Figure 1 b) has been revised to correctly show the angular dimension lines and the angular dimensions, which makes the figure clear;

— Figure 1 b) has also been revised to show the shape of the tip of the gas jet shown in the second edition to that of the the Amendment of the first edition;

— Figure 3 a) and b) have been revised to show the test specimen clear.

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.

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Introduction

This method is one of two closely related methods of test for the inflammability of textile fabrics. This method determines the “flame spread time” — vocabulary in relation to the term defined in ISO 4880 — the other method observes and measures “ease of ignition” (see ISO 6940).

This method assesses the properties of textile fabrics in response to flame contact under controlled conditions. There is a possibility that results do not apply the situations where there is restricted air supply or exposure to large sources of intense heat.

The influence of seams on the behaviour of fabrics can be determined by this method, the seam being positioned within the test specimen so as to be subjected to the test flame. Whenever practicable, trimmings are tested as part of the fabric assembly on which they are or will be used.

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