

# Conveyor belts — Flame retardation — Specifications and test method

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British Standard

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This British Standard, having been prepared under the direction of the Plastics and Rubber Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 May 1993

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## National foreword

This British Standard has been prepared under the direction of the Plastics and Rubber Standards Policy Committee (PRM/-) and is the English language version of EN 20340:1993 *Conveyor belts — Flame retardation — Specifications and test method*, published by the European Committee for Standardization and is identical with ISO 340:1988. This standard supersedes BS 490-11.1:1990 which is withdrawn, which was also identical with ISO 340:1988.

As a consequence of implementing the European Standard, this British Standard is renumbered as BS EN 20340.

This edition makes no technical changes to the standard.

**Additional information.** Tests using these burners only are not directly designed to assess the fire hazard of a given product but are used to ensure consistency in manufacture. The results of such tests may help in the assessment of ignition hazard but should never, in isolation, be used as evidence that a product or material is safe.

A spirit burner test, similar to the test described in clause 4, is included in BS 3289 *Specification for textile carcass conveyor belting for use in underground mines (including fire performance)*, but it is emphasized that the test described in clause 4 is not suitable for assessing belting for use in underground applications.

Subclause 4.3.3 of this standard permits the use of town gas or liquid petroleum gas. It is recommended that, in order to standardize the calorific value of the fuel, propane gas conforming to BS 4250 *Liquefied petroleum gas — Part 1. Specification for commercial butane and propane* should be used.

Fuel conforming to Annex should also conform to BS 3591 *Specification for industrial methylated spirits*.

The fuel described in Annex has a calorific value of 29.6 MJ/Kg whereas commercial propane has a calorific value of 50 MJ/Kg. Consequently, results using these different methods cannot be compared.

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### Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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English version

## Conveyor belts — Flame retardation — Specifications and test method

(ISO 340:1988)

Courroies transporteuses — Résistances à la flamme — Spécifications et méthode d'essai  
(ISO 340:1988)

Schwerentflammbare Fördergurte — Anforderungen und Prüfverfahren  
(ISO 340:1988)

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