

BS 3F 128:2010



BSI Standards Publication

Specification for cotton webbing suitable for aerospace purposes (warp yarn nominally R 310 tex)

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to ii, pages 1 to 10, an inside back cover and a back cover.

Foreword

Publishing information

This British Standard is published by BSI and came into effect on 31 October 2010. It was prepared by Technical Committee ACE/065/-/39, *Textiles for aerospace purposes*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

BS 3F 128: 2010 supersedes BS 2F 128:1992+A1:2002, which is withdrawn.

Information about this document

This British Standard specifies requirements for a range of cotton webbings using a common warp yarn. The webbings can be manufactured using either shuttleless or conventional weaving technology.

This standard has been revised consistently with BS 2F 151 and BS 6F 49 to:

- include new clauses for “Information and requirements to be agreed and documented” and “Terms and definitions”, and a new Annex on the determination of Mystox IP™ on fabric; and
- reflect the obsolescence of pentachlorophenyl laurate (PCPL) as a rot-proofing treatment.

Hazard warnings

WARNING. This British Standard calls for the use of substances and/or procedures that can be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage.

Use of this document

It has been assumed in the preparation of this British Standard that the execution of its provisions will be entrusted to appropriately qualified and experienced people, for whose use it has been produced.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is “shall”.

Where optional recommendations are included, they are expressed in sentences in which the principal auxiliary verb is “should”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

1 Scope

This British Standard specifies requirements for the yarn, manufacture, finish, construction and identification of cotton webbings for aerospace purposes.

2 Terms and definitions

For the purposes of this British Standard, the following term and definition apply.

2.1 protective treatment

product containing a 50:50 blend of ($\pm$)-1-((2-(2,4-dil)-4-propyl-1,3-dioxolan-2-yl) methyl)-1H-1,2,4-triazole and 3-iodo-2-propynyl-butyl carbamate, applied at 0.4% to 0.8% combined actives on weight of fibre

NOTE An example product is Mystox RTM¹⁾. For a relative test method see Annex A.

3 Normative references

The following referenced document is indispensable for the application of this document. The latest edition of the referenced document (including any amendments) applies.

BS F 100, *Procedure for inspection and testing of textiles for aerospace purposes*

NOTE The latest revision of an aerospace standard is indicated by the prefix number.

4 Information and requirements to be agreed and documented

The following information to be supplied by the purchaser shall be fully documented. For compliance with the standard both the definitive requirements specified throughout the standard and the following documented items shall be satisfied:

- a) the number of this British Standard, i.e. BS 3F 128;
- b) the method of weaving (see Clause 7);
- c) the type of finish required (see 8.1);
- d) the colour, if required dyed (see 8.3);
- e) the width required (see Clause 9).

5 General requirements

In addition to the requirements specified in Clause 6 to Clause 10, the requirements and test methods of BS F 100 shall apply (see Table 1).

¹⁾ Mystox RTM is proprietary to Catomance Ltd. This information is given for the convenience of users of this standard and does not constitute an endorsement by BSI of the product named. Equivalent products may be used if they can be shown to lead to the same results.