

Specification for

Continuous filament nylon sewing threads for aerospace purposes

UDC 629.7:677.072.6:677.494.675-486.2:677.027.21

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Aerospace Standards Policy Committee (ACE/-) to Technical Committee ACE/22, upon which the following bodies were represented:

- British Association of Clothing Machinery Manufacturers
- British Narrow Fabrics Association
- British Textile Confederation
- Cordage Manufacturers' Institute
- Lambeg Industrial Research Association
- Linen Sewing Thread Manufacturers' Association
- Ministry of Defence
- Society of British Aerospace Companies Ltd.
- Society of Dyers and Colourists

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

© BSI 07-1999

The following BSI references relate to the work on this standard:
Committee reference ACE/22
Draft for comment 92/78453 DC

ISBN 0 580 22518 6

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
1 Scope	1
2 References	1
3 General requirements	1
4 Yarn	1
5 Construction and properties	1
6 Finish	1
7 Type tests	2
8 Identification	3
Annex A Method for determination of boiling water shrinkage of sewing thread	4
Annex B Method of test for sewing properties (threads of length per unit mass not less than 9 000 m/kg)	5
Annex C Method of test for sewing properties (threads of length per unit mass less than 9 000 m/kg)	6
Figure A.1 — Thread loop and tensioning weight suspended on testing frame	4
Figure B.1 — Test piece for threads of length per unit mass not less than 9 000 m/kg	5
Figure C.1 — Test piece for threads of length per unit mass less than 9 000 m/kg	6
Table 1 — General requirements (given in BS F 100)	1
Table 2 — Construction and properties	2
Table 3 — Loop breaking load	3
List of references	Inside back cover

Foreword

This British Standard, prepared under the direction of the Aerospace Standards Policy Committee, is one of a series of standards for textiles of a quality suitable for aerospace purposes.

This British Standard supersedes BS 3F 120:1987 which is withdrawn. This new edition incorporates technical changes but it does not reflect a full review or revision of the standard which will be undertaken in due course.

The primary difference between this British Standard and the previous edition is the introduction of three alternative constructions for 312, 950 and 1160 dtex yarns to allow the use of modern manufacturing methods to improve freedom from faults.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, 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.