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AEROSPACE SERIES - TECHNICAL

DRAWINGS - REPRESENTATION OF PARTS

MADE OF COMPOSITE MATERIALS - PART 5:

SEAMS

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Aerospace series - Technical drawings - Representation of parts made of composite materials - Part 5: Seams

Série aérospatiale - Dessins techniques - Représentation des articles en matériaux composites - Partie 5 : Coutures

Luft- und Raumfahrt - Technische Zeichnungen -Darstellung von Teilen aus Verbundwerkstoffen - Teil 5: Nähte

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Foreword

This document (EN 4408-005:2005) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

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Introduction

This document makes reference to textile standards which quote two types of seams, these being:

- assembly seam;
- reinforcing seam.

The assembly seam undergoes a mechanical effort which is not the case of the holding seam. This distinction may appear necessary in the case of dry fabrics, whereas in aerospace applications there is a systematic curing or densification, therefore it would appear difficult to distinguish them as far as the ready-for-use product is concerned.

The technical definition of seams is required for reinforcing seams.



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