

**AEROSPACE
MATERIAL
SPECIFICATION**

SAE AMS3272/1

REV. B

Issued 1984-07
Revised 1990-07
Reaffirmed 1996-07
Stabilized 2011-08

Superseding AMS3272/1A

Cloth, Nylon, Polyurethane Coated
Plain Weave, 6.0 ounces/square yard (200 g/m²)

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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<http://www.sae.org/technical/standards/AMS3272/1B>**

1. SCOPE:

1.1 Form: This specification covers a woven nylon cloth coated with polyether (EU) urethane.

1.2 Application: Primarily for use in inflatable survival equipment.

2. APPLICABLE DOCUMENTS: See AMS-3272.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the cloth described herein shall consist of this document and the latest issue of the basic specification, AMS-3272.

3.2 Material: See AMS-3272.

3.3 Properties: Cloth shall conform to requirements specified in Table I and the following:

3.3.1 Color: Shall be as specified on the purchase order.

3.3.1.1 Pigment or dye shall be free from carbon or metallic particles.

3.3.1.2 Coated cloth shall show good colorfastness to light and water.

3.3.2 Blocking: Shall not exceed No. 2 scale rating.

3.3.3 Air Retention: There shall be no leakage of any specimen of coated cloth.

3.3.4 Low-Temperature Effect: Coated cloth specimens shall show no evidence of cracking, flaking, or separation.