

**AEROSPACE  
MATERIAL  
SPECIFICATION**

SAE AMS 3788/6

Issued 4-1-86

Submitted for recognition as an American National Standard

CLOTH, NYLON TWILL  
5.4 oz per sq yd (183 g/m<sup>2</sup>)  
Smooth Finish, Heavily Calendered, Water Repellent Treated

1. SCOPE:

1.1 Form: This specification covers one weight and type of finish of nylon cloth.

1.2 Application: Primarily for use in the manufacture of aviation ground clothing.

1.3 Classification: 5.4 oz per sq yd (183 g/m<sup>2</sup>) weight, finished smooth, heavily calendered, and given a durable water repellent treatment.

2. APPLICABLE DOCUMENTS: See AMS 3788.

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 3788.

3.2 Properties: Cloth shall conform to the requirements of Table I and the following:

3.2.1 Weave: Shall be 2 up 2 down or 2 up 1 down right hand twill.

3.2.2 Width: Shall be not less than 40 in. (1 m) inclusive of selvages.

3.2.3 Weight: Shall be not greater than 5.4 oz per sq yd (183 g/m<sup>2</sup>).

3.2.4 Finish: Cloth shall be smooth and free from wrinkles and shall be heavily calendered.

4. QUALITY ASSURANCE PROVISIONS: See AMS 3788.

SAE Technical Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

AMS documents are protected under United States and international copyright laws. Reproduction of these documents by any means is strictly prohibited without the written consent of the publisher.