

SAE-AMS3814/4

## ADOPTION NOTICE

SAE-AMS3814/4, "Cord, Coreless, Para-Aramid Intermediate Modulus 400 lb (1780 N), 1080 ft per lb (725 m/kg)", was adopted on 31-AUG-95 for use by the Department of Defense (DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: Commander, Defense Industrial Supply Center, 700 Robbins Avenue, Philadelphia, PA 19111-5096. DoD activities may obtain copies of this standard from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. The private sector and other Government agencies may purchase copies from the Society of Automotive Engineers Inc., 400 Commonwealth Drive, Warrendale, PA 15096-0001.

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400 Commonwealth Dr., Warrendale, PA 15096

## AEROSPACE MATERIAL SPECIFICATION

SAE AMS 3814/4

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Submitted for recognition as an American National Standard

CORD, CORELESS, PARA-ARAMID  
Intermediate Modulus  
400 lb (1780 N), 1080 ft per lb (725 m/kg)

### 1. SCOPE:

- 1.1 Form: This specification covers one strength and weight of braided para-aramid cord.
- 1.2 Application: Primarily for use in cargo type parachutes.
- 1.3 Classification: The minimum breaking strength is 400 lb (1780 N) and the minimum weight is 1080 ft per lb (725 m/kg).

2. APPLICABLE DOCUMENTS: See AMS 3814.

### 3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the cord described herein shall consist of this document and the latest issue of the basic specification, AMS 3814.

3.2 Properties: Cord shall conform to the following requirements:

- |  |                           |
|--|---------------------------|
| 3.2.1 Breaking Strength, min                 | 400 lb (1,780 N)          |
| 3.2.2 Weight, min                            | 1080 ft per lb (725 m/kg) |
| 3.2.3 Number of Carriers                     | 16                        |
| 3.2.4 Distance Between Carrier Run-Offs, min | 100 ft (30.5 m)           |
| 3.2.5 Ends per Carrier                       | 1                         |

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