

SAE-AMS3814/7

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SAE-AMS3814/7, "Cord, Coreless, Para-Aramid Intermediate Modulus 1000 lb (4450 N), 338 ft per lb (225 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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 (Project 4020-0353)

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400 Commonwealth Dr., Warrendale, PA 15096

AEROSPACE MATERIAL SPECIFICATION

SAE AMS 3814/7

Issued 7-1-86

Submitted for recognition as an American National Standard

CORD, CORELESS, PARA-ARAMID
Intermediate Modulus
1000 lb (4450 N), 338 ft per lb (225 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 1000 lb (4450 N) and the minimum weight is 338 ft per lb (225 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 | 1000 lb (4450 N) |
| 3.2.2 Weight, min | 338 ft per lb (225 m/kg) |
| 3.2.3 Number of Carriers | 16 |
| 3.2.4 Distance Between Carrier Run-Offs, min | 40 ft (12.2 m) |
| 3.2.5 Ends per Carrier | 1 |

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