

AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard

SAE AMS 3814/1

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CORD, CORELESS, PARA-ARAMID
Intermediate Modulus
35 lb (155 N), 13 500 ft per lb (9070 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 35 lb (155 N) and the minimum weight is 13 500 ft per lb (9070 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 | 35 lb (155 N) |
| 3.2.2 Weight, min | 13 500 ft per lb (9070 m/kg) |
| 3.2.3 Number of Carriers | 4 |
| 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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