



PIA-C-1200  
25 November 2013

The following commercial specification is an original Parachute Industry Association specification.

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## **CORD, SPECTRA<sup>®</sup>, CORELESS**

The Parachute Industry Association makes this document available for use by Industry and Government organizations that wish to apply this specification to their products.

### **1. SCOPE**

1.1 Scope. This specification covers braided Spectra<sup>®</sup> coreless Parachute Cord.

1.2 Classification. The cord shall be of the following types as classified according to minimum breaking strength (see 3.5).

Type IA - 300 pounds	Type VIB R - 1,500 pounds
Type IIA - 600 pounds	Type VIIB - 2,000 pounds
Type IIIB - 700 pounds	Type VIIIB - 2,500 pounds
Type IVB - 800 pounds	Type IXB - 4,000 pounds
Type VA - 1,000 pounds	Type XB - 5,250 pounds
Type VB - 1,000 pounds	Type XIB - 10,000 pounds
Type VIB - 1,500 pounds	

2.1 General. The documents listed in this section are specified in Sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification nor is it recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of the documents cited in Sections 3 and 4 of this specification, whether they are listed or not.

### **2.2 Government publications.**

2.2.1 Government publications. The following Government publication forms a part of this document.

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FEDERAL TRADE COMMISSION (FTC)

- |            |   |
|------------|---|
| 16 CFR 303 | - Rules and Regulations Under the Textile Fiber Products Identification Act |
|------------|---|

(Copies are available online at [www.ftc.gov](http://www.ftc.gov) or from the Federal Trade Commission, 600 Pennsylvania Avenue, N.W. Washington, DC 20580-0001. Electronic copies may also be obtained from [www.access.gpo.gov/](http://www.access.gpo.gov/).)

2.3 Non-government publications. The following document(s) form a part of this document.

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

- |                    |   |
|--------------------|---|
| AATCC 20A          | - Fiber Analysis: Quantitative                        |
| AATCC 81           | - pH of Water-Extract from Wet Processed Textiles     |
| AATCC 159 Option 3 | - Weather Resistance of Textiles: Xenon Lamp Exposure |

(Application for copies should be addressed to: AATCC National Headquarters, P.O. Box 12215, Research Triangle Park, NC 27709-2215. Electronic copies may be obtained from [www.aatcc.org](http://www.aatcc.org).)

ASTM INTERNATIONAL (ASTM)

- |             |   |
|-------------|---|
| ASTM D 276  | - Standard Test Method for Identification of Fibers in Textiles                     |
| ASTM D 629  | - Standard Test Methods for Quantitative Analysis of Textiles                       |
| ASTM D 1423 | - Standard Test Method for Twist in Yarns by Direct-Counting                        |
| ASTM D 1907 | - Standard Test Method for Linear Density of Yarn (Yarn Number) by the Skein Method |

(Application for copies should be addressed to the ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. Electronic copies may be obtained from [www.astm.org/](http://www.astm.org/).)

AMERICAN SOCIETY FOR QUALITY (ASQ)

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|---------------|---|
| ANSI/ASQ Z1.4 | - Sampling Procedures and Tables for Inspection by Attributes |
|---------------|---|

(Copies are available online at: [www.asq.org](http://www.asq.org) or from the American Society for Quality, 600 North Plankinton Avenue, Milwaukee, WI 53203.)

PARACHUTE INDUSTRY ASSOCIATION

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|----------------------|--|
| PIA-TEST METHOD-6004 | - LENGTH PER UNIT WEIGHT; CORDAGE                                      |
| PIA-TEST METHOD-6015 | - STRENGTH AND ELONGATION BREAKING OF CORDAGE; SPLICED SPECIMEN METHOD |