Parachute Industry Association

COMMERCIAL SPECIFICATION

INCH POUND

PIA-C-44378A
01 March 1998

Superseding
PIA-C-44378
04 January 1997

The following commercial specification is originally adopted from the military documents. Revision A includes all known accepted revisions, amendments, notices, and Department of Defense (DOD) engineering changes previously developed for this item.

Note: Although many military quality and inspection specifications, drawings and standards have been discontinued or deleted, most have been replaced by industry and commercial documents. When the specification refers to a discontinued or deleted document, you should refer to the procurement document or your contracting officer for guidance.

CLOTH, PARACHUTE, NYLON, LOW PERMEABILITY

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 three types of nylon cloth for use in the fabrication of parachutes.

1.2 **Classification.** The nylon cloth shall be of the following types as specified (see 6.2).

Type I -— 1.17 oz/sq. yd (0-5 air permeability)	— Rip stop weave
Type II — 1.17 oz/sq. yd (30-50 air permeability)	— Rip stop weave
Type III — 1.17 oz/sq. yd (30-50 air permeability)	— Rip stop weave

2. APPLICABLE DOCUMENTS

2.1 **Government documents.**

2.1.1 **Specifications, standards, and handbooks.** The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

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SPECIFICATIONS

FEDERAL

PPP-P-1133 — Packaging of Synthetic Fiber Fabrics

STANDARDS

FEDERAL

FED-STD-191 — Textile Test Methods
FED-STD-595 — Colors

MILITARY

MIL-STD-105 — Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-851 — Coding: Manufacturer's Color, Nylon Parachute Cloth

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120- 5099.)

2.1.2 **Other Government documents, drawings, and publications.** The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

FEDERAL TRADE COMMISSION

Rules and Regulations Under the Textile Fiber Products Identification Act

(Copies are available from the Federal Trade Commission, Pennsylvania Avenue at Sixth Street, N. W., Washington, DC 20580.)

2.2 **Order of precedence.** In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 **First article.** When specified (see 6.2), a sample shall be subjected to first article inspection (see 6.3) in accordance with 4.3.