

Coast Guard, DHS

§ 160.002-3

MIL-W-530—Webbing, Textile, Cotton. General Purpose, Natural or in Colors.

(2) Federal Specification:

L-P-375—Plastic Film, Flexible, Vinyl Chloride.

(3) Federal Standards:

No. 191—Textile Test Methods.
No. 751A—Stitches, Seams, and Stitchings.

(4) Coast Guard specifications:

164.003—Kapok, Processed.

(b) *Plans*. The following plans, of the issue in effect on the date life preservers are manufactured, form a part of this specification:

Dwg. No. F-49-6-1:

(Sheet 1) Cutting Pattern and General Arrangement (adult).

(Sheet 1A) Alternate stitching of tapes and webbing (adult and child).

(Sheet 2) Pad Detail (adult).

Dwg. No. F-49-6-5:

(Sheet 1) Cutting Pattern and General Arrangement (child).

(Sheet 2) Pad Detail (child).

(c) *Copies on file*. Copies of the specifications and plans referred to in this section shall be kept on file by the manufacturer, together with the certificate of approval. They shall be kept for a period consisting of the duration of approval and 6 months after termination of approval. The Coast Guard specifications and plans may be obtained upon request from the Commandant (CG-521), U.S. Coast Guard, 2100 2nd St., SW., Stop 7126, Washington, DC 20593-7126. The Federal specifications and standards may be purchased from the Business Service Center, General Services Administration, Washington, DC, 20407. The Military specifications may be obtained from the Commanding Officer, Naval Supply Depot, 5801 Tabor Avenue, Philadelphia, Pa., 19120.

(d) [Reserved]

[CGFR 53-25, 18 FR 7855, Dec. 5, 1953, as amended by CGFR 65-16, 30 FR 10897, Aug. 21, 1965; CGD 78-012, 43 FR 27153, 27154, June 22, 1978; CGD 88-070, 53 FR 34535, Sept. 7, 1988; CGD 95-072, 60 FR 50467, Sept. 29, 1995; CGD 96-041, 61 FR 50733, Sept. 27, 1996; USCG-2009-0702, 74 FR 49237, Sept. 25, 2009]

§ 160.002-2 Size and models.

Each life preserver specified in this subpart is to be a:

(a) Model 3, adult, 24 ounces kapok; or

(b) Model 5, child, 16 ounces kapok.

[CGD 72-163R, 38 FR 8118, Mar. 28, 1973]

§ 160.002-3 Materials.

All components used in the construction of the life preserver must meet the applicable requirements of subpart 164.019 of this chapter and the following requirements apply to individual components:

(a) *Kapok*. The kapok shall be all new material complying with subpart 164.003 of this subchapter and shall be properly processed.

(b) *Envelope*. The life preserver envelope, or cover, shall be made of cotton drill. The color shall be Indian Orange, Cable No. 70072, Standard Color Card of America, issued by the Textile Color Association of the United States, Inc., 200 Madison Avenue, New York, N.Y., or Scarlet Munsell 7.5 Red 6/10. The drill shall be evenly dyed, and the fastness of the color to laundering, water, crocking, and light shall be rated "good" when tested in accordance with Federal Test Method Standard No. 191, Methods 5610, 5630, 5650, and 5660. After dyeing, the drill shall be treated with a mildew-inhibitor of the type specified in paragraph (j) of this section. The finished goods shall contain not more than 2 percent residual sizing or other non-fibrous material, shall weigh not less than 6.5 ounces per square yard, shall have a thread count of not less than 72 in the warp and 54 in the filling, and shall have a breaking strength (grab method) of not less than 105 pounds in the warp and 70 pounds in the filling. If it is proposed to treat the fabric with a fire-retardant substance, full details shall be submitted to the Commandant for determination as to what samples will be needed for testing.

(c) *Tunnel strip*. The tunnel strip shall be made of cotton drill conforming to the requirements for the envelope cover.

(d) *Pad covering*. The covering for the kapok pad inserts shall be flexible vinyl film not less than 0.006 inch in thickness meeting the requirements of specification L-P-375 for Type I film Type II, Class 1 film not less than 0.008