

Coast Guard, DHS**§ 160.054-4**

(1) Plans and specifications containing the information required by § 159.005-12 of this chapter, including drawings, product description, construction specifications, and bill of materials.

(2) The information specified in § 159.005-5(a)(2) (i) through (iii) of this chapter, except that, if preapproval review has been waived, the manufacturer is not required to send a prototype work vest sample to the Commandant.

(3) Performance testing results of the design performed by an independent laboratory, that has a Memorandum of Understanding with the Coast Guard under § 159.010-7 of this subchapter covering the in-water testing of personal flotation devices, showing equivalence to the standard design's performance in all material respects.

(4) Any special purpose(s) for which the work vest is designed and the vessel(s) or vessel type(s) on which its use is intended.

(5) Buoyancy and other relevant tolerances to be complied with during production.

(6) The text of any optional marking to be included on the work vest in addition to the markings required by § 160.053.

[CGD 95-028, 62 FR 51215, Sept. 30, 1997]

Subpart 160.054—Kits, First-Aid, for Inflatable Liferafts

SOURCE: CGFR 60-36, 25 FR 10637, Nov. 5, 1960, unless otherwise noted.

§ 160.054-1 Applicable specification.

(a) *Specification.* The following specification of the issue in effect on the date first aid kits are manufactured forms a part of this subpart:

(1) Coast Guard specification 160.041—Kits, First-Aid.

(2) [Reserved]

(b) *Copies on file.* Copies of the specification regulations referred to in this

section shall be kept on file by the manufacturer, together with the approved plans and 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 specification may be obtained from the Commandant (CG-ENG), U.S. Coast Guard, 2100 2nd St., SW., Stop 7126, Washington, DC 20593-7126.

[CGFR 60-36, 25 FR 10637, Nov. 5, 1960, as amended by CGFR 65-16, 30 FR 10899, Aug. 21, 1965; CGD 88-070, 53 FR 34536, 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]

§ 160.054-2 Type and size.

(a) *Type.* First-aid kits covered by this specification shall be of the watertight type. Alternate arrangements of materials meeting the performance requirements of this specification will be given special consideration.

(b) *Size.* First-aid kits shall be of a size adequate for packing 12 standard single cartons of the kind indicated in specification subpart 160.041.

§ 160.054-3 Construction.

(a) *Construction.* The container shall be constructed of tough transparent material, not less than .008 inch nominal thickness, properly sealed around three edges, and having the fourth edge closed in such manner that it is capable of being opened and reclosed watertight. The re-openable closure may be a plastic zip seal closure without slider, or other means which meet the test requirements of § 160.054-5.

(b) [Reserved]

§ 160.054-4 Contents.

(a) *Individual cartons.* Cartons and their contents shall be the type indicated in Specification subpart 160.041.

(b) *Items.* The items contained in first-aid kit shall be as listed in Table 160.054-4(b).

TABLE 160.054-4(b)—ITEMS FOR FIRST-AID KIT

Item	No. per pkg.	Size of pkg.	No. of pkgs.
Bandage compress—4 inches	1	Single	1
Bandage compress—2 inches	4	Single	1
Waterproof adhesive compress—1 inch	16	Single	1

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TABLE 160.054-4(b)—ITEMS FOR FIRST-AID KIT—Continued

Item	No. per pkg.	Size of pkg.	No. of pkgs.
Eye dressing packet, $\frac{1}{8}$ oz. Ophthalmic ointment, adhesive strips, cotton pads..	3	Single	1
Bandage, gauze, compressed, 2 inches \times 6 yards	2	Single	1
Tourniquet, forceps, scissors, 12 safety pins	1, 1, 1, and 12, respectively	Double	1
Wire splint	1	Single	1
Ammonia inhalants	10	Single	1
Iodine applicators, ($\frac{1}{2}$ ml swab type)	10	Single	1
Aspirin, phenacetin and caffeine compound, 6 $\frac{1}{2}$ Gr. tablets, vials of 20.	2	Single	1
Sterile petrolatum gauze, 3 inches by 18 inches	4	Single	1

(c) *Instructions.* Instructions for the use of the contents of the first-aid kit shall be printed in legible type and either shall be placed inside the container or printed on the container in waterproof ink. The instructions for the use of the contents are as indicated in Specification subpart 160.041, except that the triangular bandage is omitted.

§ 160.054-5 Inspections and tests.

(a) *Salt spray.* The container shall be exposed to a spray of 20 percent by weight of reagent grade sodium chloride at about 95 °F. for 100 hours. There shall be no disintegration of the material as a result of this test.

(b) *Container Watertightness.* With the required number of items inside, the closed container, with reclosable edge uppermost, shall be submerged under a head of one foot of water for a period of two hours. At the end of this period, the container shall be removed, surface dried, opened, and examined for the presence of moisture. No seepage shall be allowed.

[CGFR 60-36, 25 FR 10637, Nov. 5, 1960, as amended by CGD 95-028, 62 FR 51215, Sept. 30, 1997]

§ 160.054-6 Marking.

(a) Each approved first-aid kit shall be plainly and permanently marked with the following information: Name and address of the manufacturer, model number or other manufacturer's identification of the kit, the Coast Guard approval number, and the words "First-Aid Kit—For Inflatable Life Rafts". If the means for opening and re-closing are not self-evident, suitable directions shall be marked along the closure; such as, for the zip seal closure, an arrow,

with the words "To Open, Lift by Thumb Nail", and "To Close, Press Together Full Length". The marking may be applied to the container by the silk screen process, using a suitable ink or paint, or may be applied by other means shown to be acceptable.

(b) [Reserved]

§ 160.054-7 Procedure for approval.

(a) *Manufacturer's plans.* In order to obtain approval, submit detailed plans showing fully the construction, material specification, arrangement, and list of contents to the Commander of the Coast Guard District in which the factory is located. Each drawing shall have an identifying number, and date, and shall indicate the manufacturer's symbol, trade name, or other identification for the first-aid kit. At the time of selection of the pre-approval sample, the manufacturer shall furnish the inspector four copies of all plans and specifications, corrected as may be required, for forwarding to the Commandant.

(b) *Pre-approval sample.* After the first drawings have been examined and found to appear satisfactory, a marine inspector will be detailed to the factory to observe the manufacturing facilities and methods and to obtain two samples, complete with contents which will be forwarded, prepaid by the manufacturer, to the Commandant for the necessary conditioning and tests in accordance with § 160.054-5 to determine the suitability of the first-aid kit for use in conjunction with lifesaving equipment on board merchant vessels.

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The cost of the tests shall be borne by the manufacturer.

[CGFR 60-36, 25 FR 10637, Nov. 5, 1960, as amended by CGFR 65-16, 30 FR 10899, Aug. 21, 1965; CGD 88-070, 53 FR 34536, Sept. 7, 1988; CGD 95-028, 62 FR 51215, Sept. 30, 1997]

Subpart 160.055—Life Preservers, Unicellular Plastic Foam, Adult and Child, for Merchant Vessels**§ 160.055–1 Incorporation by reference.**

(a) *Specifications and Standards.* This subpart makes reference to the following documents:

(1) *Military Specifications:*

MIL-W-530F—Webbing, Textile, Cotton, General Purpose, Natural or in Colors.
MIL-T-3530E—Thread and Twine; Mildew Resistant or Water Repellant Treated.
MIL-W-17337D—Webbing, Woven, Nylon.
MIL-C-43006D—Cloth and Strip Laminated, Vinyl-Nylon High Strength, Flexible.

(2) *Federal Specifications:*

CCC-C-700G—Cloth, Coated, Vinyl, Coated (Artificial Leather).
CCC-C-426D—Cloth, Drill, Cotton.

(3) *Federal Standards:*

No. 191—Textile Test Methods.
No. 595A—Color.
No. 751A—Stitches, Seams, and Stitchings.

(4) *Standards of ASTM:*

ASTM D 413-82 (1993), Standard Test Methods for Rubber Property—Adhesion to Flexible Substrate—160.055-3
ASTM D 570-95, Standard Test Method for Water Absorption of Plastics—160.055-3
ASTM D 882-97, Standard Test Method for Tensile Properties of Thin Plastic Sheeting—160.055-3
ASTM D 1004-94a, Standard Test Method for Initial Tear Resistance of Plastic Film and Sheeting—160.055-3

(5) *Coast Guard specification:*

164.015—Plastic Foam, Unicellular, Buoyant, Sheet and Molded Shape.

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

Dwg. No. 160.055-IA:
Sheet 1—Construction and Arrangement, Vinyl Dip Coated, Model 62, Adult.
Sheet 2—Construction and Arrangement, Vinyl Dip Coated, Model 66, Child.

Dwg. No. 160.055-IB:

Sheet 1—Construction and Arrangement, Cloth Covered, Model 63, Adult.

Sheet 2—Buoyant Inserts, Model 63.

Sheet 3—Construction and Arrangement, Cloth Covered, Model 67, Child.

Sheet 4—Buoyant Inserts, Model 67.

(c) *Copies on file.* Copies of the specifications, standards, and plans referred to in this section shall be kept on file by the manufacturer, together with the approved plans and certificate of approval. The Coast Guard Specification and plans may be obtained upon request from the Commandant (CG-ENG), U.S. Coast Guard, 2100 2nd St., SW., Stop 7126, Washington, DC 20593-7126. The Federal Specifications and the Federal 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. The ASTM Standards may be purchased from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

[CGFR 66-73, 32 FR 5500, Apr. 4, 1967, as amended by CGD 72-163R, 38 FR 8121, Mar. 28, 1973; CGD 78-012, 43 FR 27153, 27154, June 22, 1978; CGD 88-070, 53 FR 34536, Sept. 7, 1988; CGD 95-072, 60 FR 50467, Sept. 29, 1995; CGD 96-041, 61 FR 50733, Sept. 27, 1996; CGD 97-057, 62 FR 51048, Sept. 30, 1997; USCG-1999-5151, 64 FR 67184, Dec. 1, 1999; USCG-2009-0702, 74 FR 49237, Sept. 25, 2009]

§ 160.055–2 Type and model.

Each life preserver specified in this subpart is a:

(a) Standard, bib type, vinyl dip coated:

(1) Model 62, adult (for persons weighing over 90 pounds); or

(2) Model 66, child (for persons weighing less than 90 pounds); or

(b) Standard, bib type, cloth covered;

(1) Model 63, adult (for persons weighing over 90 pounds); or

(2) Model 67, child (for persons weighing less than 90 pounds); or

(c) Nonstandard, shaped type:

(1) Model,¹ adult (for persons weighing over 90 pounds); or