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**Title 33 —Navigation and Navigable Waters**  
**Chapter I —Coast Guard, Department of Homeland Security**  
**Subchapter S —Boating Safety**  
**Part 183 —Boats and Associated Equipment**  
**Subpart J —Fuel Systems**  
**Equipment Standards**

**Source:** CGD 74-209, 42 FR 5950, Jan. 31, 1977, unless otherwise noted.

**Authority:** 46 U.S.C. 4302; Pub. L. 103-206, 107 Stat. 2439; and Department of Homeland Security Delegation No. 0170.1, para. II, (92)(b). Subpart E is also authorized by Pub. L. 114-120, 130 Stat. 27

**Source:** CGD 72-61R, 37 FR 15782, Aug. 4, 1972, unless otherwise noted.

**§ 183.540 Hoses: Standards and markings.**

- (a) “USCG Type A1” hose means hose that meets the performance requirements of:
  - (1) SAE Standard J1527DEC85, Class 1 and the fire test in § 183.590; or
  - (2) Underwriters' Laboratories, Inc. (UL) Standard 1114.
- (b) “USCG Type A2” hose means hose that meets the performance requirements of SAE Standard J1527DEC85, Class 2 and the fire test in § 183.590;
- (c) “USCG Type B1” hose means hose that meets the performance requirements of SAE Standard J1527DEC85, Class 1.
- (d) “USCG Type B2” hose means hose that meets the performance requirements of SAE Standard J1527DEC85, Class 2.

Note: SAE Class 1 hose has a permeation rating of 100 grams or less fuel loss per square meter of interior surface in 24 hours.

SAE Class 2 hose has a permeation rating of 300 grams or less fuel loss per square meter of interior surface in 24 hours.

- (e) Each “USCG Type A1,” “USCG Type A2,” “USCG Type B1,” and “USCG Type B2” hose must be identified by the manufacturer by a marking on the hose.
- (f) Each marking must contain the following information in English:
  - (1) The statement “USCG TYPE (insert A1 or A2 or B1 or B2).”
  - (2) The year in which the hose was manufactured.
  - (3) The manufacturer's name or registered trademark.
- (g) Each character must be block capital letters and numerals that are at least one eighth-inch high.
- (h) Each marking must be permanent, legible, and on the outside of the hose at intervals of 12 inches or less.

*[CGD 85-098, 52 FR 19728, May 27, 1987]*