Coast Guard, DHS

ASTM D 1621 (incorporated by reference, see §183.5), “Compressive Strength of Rigid Cellular Plastics”.

(c) Polyurethane cellular plastic used to encase metallic fuel tanks must have a density of at least 2.0 pounds per cubic foot, measured under ASTM D 1622 (incorporated by reference, see §183.5), “Apparent Density of Rigid Cellular Plastics.”

§ 183.518 Fuel tank openings.

Each opening into the fuel tank must be at or above the topmost surface of the tank.

§ 183.520 Fuel tank vent systems.

(a) Each fuel tank must have a vent system that prevents pressure in the tank from exceeding 80 percent of the pressure marked on the tank label under §183.514(b)(5).

(b) Each vent must:

(1) Have a flame arrester that can be cleaned unless the vent is itself a flame arrester; and

(2) Not allow a fuel overflow at the rate of up to two gallons per minute to enter the boat.

§ 183.524 Fuel pumps.

(a) Each diaphragm pump must not leak fuel from the pump if the primary diaphragm fails.

(b) Each electrically operated fuel pump must not operate except when the engine is operating or when the engine is started.

(c) If tested under §183.590, each fuel pump, as installed in the boat, must not leak more than five ounces of fuel in 2½ minutes, inclusive of leaks from fuel line, fuel filter and strainer.

§ 183.526 Carburetors.

(a) [Reserved]