



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 164.141/12/0

Expires: 28 June 2011

FIBER REINFORCED PLASTIC PIPING

Fiber Glass Systems, L.P.
2700 West 65th Street
Little Rock AR 72209

Green Thread® 175 (non-conductive) and 175-C (conductive) fiber reinforced pipe. Fire Endurance Standard: Level 3 (L3).

Green Thread® 175 and 175-C pipe with filament wound socket joints for diameters 2" to 12", with filament wound taper joints for diameters 14" to 36" and molded socket joints for diameters 2" to 4" have been tested and approved in accordance with IMO Resolution A.753(18).

Green Thread® 175 and 175-C pipe are approved for use in locations and applications permitted in IMO Resolution A.753(18) for FRP piping meeting fire endurance Level 3 (L3). Green Thread® 175-C, with conductive filaments, is electrically conductive in accordance with Appendix A of ASTM F1173-95. Green Thread® 175 and 175-C pipe does not meet the requirements for Flame Spread or Smoke Generation.

Identifying Data: Southwest Research Institute (SwRI) Project Nos. 01.05234.01.001a and 01.05234.01.001e dated April 2002 and Follow Up Procedure Project No. 01.02500.091 dated August 2002.

Product shall be installed in accordance with manufacturer's guidelines. Maximum operating pressure and temperature of 175 psig and 200°F respectively.

Follow up Program: SwRI.

Manufacturing Location: Little Rock, AR, USA.

Only valid for piping manufactured at the location shown above.

Company name was formerly Smith Fiberglass.

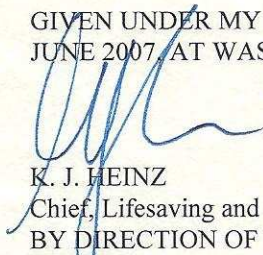
Extends Approval No. 164.141/12/0 dated 28 June 2002 and reflects change in company name.

*** END ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 28th DAY OF
JUNE 2007, AT WASHINGTON D.C.


K. J. HEINZ
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT