

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Type	Flexible Pipe Couplings and Hoses
Description	Marine fuel hoses consisting of synthetic NBR rubber tube, with or without one steel wire helix and synthetic CR rubber cover, with end fittings. TYPE: SAE J 1527, R1, R2 and R3
Trade Name	SAE J 1527, R1, R2 and R3
Application	Short joining lengths of flexible hose to accommodate relative movement between fuel tanks and deck fittings, and machinery and fixed piping systems.
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships Lloyd's Register's Rules and Regulations for the Classification of Special Service Craft SAE J 1527:1993

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Ratings

Diameter (mm): 6.35 to 76.00(R1)
6.35 to 76.00 (R2)
5.00 to 76.00 (R3)
Max.working pressure (bar): 4.5
Temperature range (°C): -35 to +100

Other Conditions

1. Fuel hoses are to be selected and installed in accordance with the manufacturer's instructions and applicable Lloyd's Register's Rules and Regulations.
2. Use as a fuel tank filling hose is restricted to small craft of wood or composite construction and are to be fitted directly to the deck connection.
3. The hose assemblies are not to be subject to torsional deflection under normal operating condition.
4. The following details are to be permanently marked at the suitable place:
 - Manufacturer's name or trademark.
 - Designation type reference.
 - Nominal diameter.
 - Pressure rating.
 - Temperature range.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR22156485TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.