



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 02/ 00030(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

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 J1527, 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 STANDARDS	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 J1527:1993

Certificate No.	02/ 00030(E3)
Issue Date	25 May 2017
Expiry Date	1 April 2022
Sheet	1 of 2



M.H.M.Rila
Southampton Technical Support Office
Marine & Offshore Lloyd's Register

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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

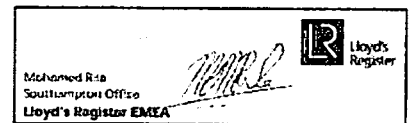
1. Use as a fuel tank filling hose is restricted to small craft of wood or composite construction, and are to be fitted directly to the deck connection.
2. The hose assemblies are not to be subject to torsional deflection under normal operating conditions.
3. The manufacturer's instructions regarding the suitability of the hose assemblies for the intended fluids, pressures, temperatures and ambient conditions are to be adhered to.

"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 attached Design Appraisal Document No. 02/00030(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate

All other details remain as the previous Certificate No. 02/ 00030(E2) to which this extension should be attached.

Certificate No. 02/ 00030(E3)
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 Sheet 2 of 2



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