Certificate No: LR2004036TA
Issue Date: 27/05/2020
Expiry Date: 01/04/2022

# 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.

| | |
|---|---|
| **Manufacturer** | **Tubigomma Deregibus S r l** |
| **Address** | Via E. Mattei, 1, Saccolongo (Pd), 35030, Italy |
| **Type** | Exhaust Hose |
| **Description** | Marine diesel exhaust hose consisting of black EPDM rubber tube, with or without steel black helix and synthetic textile reinforcement, and black EPDM cover, with end fittings |
| **Trade Name** | US254 MARINE EXHAUST EXOFLEX |
| **Application** | Short joining lengths of marine exhaust hose |
| **Specified Standard** | Lloyd's Register's Rules and Regulations for the Classification of Ships<br>Lloyd's Register's Rules and Regulations for the Classification of Special Service Craft<br>SAE J 2006:1995 |
| **Ratings** | Diameter (DN): 13 to 400<br>Max. Working pressure (bar): 4.5<br>Temperature range (°C): < 120 |
| **Other Conditions** | 1. Exhaust hoses are to be selected and installed in accordance with the manufacturer's instructions and recommendations and applicable Lloyd's |

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**Mohamed Mohamed Rila**

Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register Group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Register's Rules and Regulations.
2. Service length should be as short as practicable, erosion/corrosion resistant shut off flaps or other devices are to be fitted on the hull side shell or pipe end and acceptable arrangements made to prevent water flooding the space.
3. The hoses are approved for use as exhaust gas hoses for internal combustion engines, and the exhaust gas shall be water cooled.
4. The following details are to be permanently marked:
- Manufacturer's name.
- Designation type reference.
- Nominal diameter.

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. LR2004036TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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