



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	Fuzhou Dali Industrial Development Co., Ltd.
Address	Industrial Park, Lichuan County, Fuzhou, Jiangxi, 344600, China
Type	Mooring Ropes
Description	12 Strand UHMWPE Mooring Line
Trade Name	UHMWPE Rope
Application	Marine and offshore mooring ropes
Specified Standard	EN ISO 2307 - Ropes - Determination of certain physical and mechanical properties EN ISO 9554 - Fibre ropes - General specifications EN ISO 10325 - Fibre ropes - High modulus polyethylene — 8-strand braided ropes, 12-strand braided ropes and covered ropes
Ratings	Rope diameters: 52mm to 64mm. Breaking loads shown on DAD.

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

Andy Donovan

Non-Metallics & Coatings Team - Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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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 DAD2484274TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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LLOYD'S REGISTER TYPE APPROVAL
Issued to: Fuzhou Dali Industrial Development Co., Ltd.
For: UHMWPE (52mm - 64mm)

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 03 (July 2017) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Production Quality Assessment form
Company Profile
ISO 9001 Certificate
ISO 2307 Testing Results (full diameter range)
Product Data Sheets/Catalogue



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Coatings to Lloyd's Register EMEA
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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.

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Appendix

TESTED BREAKING STRENGTH

Diameter (mm)	Strands	Rating (kN)	Test Result (kN)
52	12	1840	1920
64	12	2655	2672

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