



Type Approval Certificate

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

This certificate is issued to:

PRODUCER	DSR CORP
PLACE OF PRODUCTION	7, Noksansaneopjung-ro 192 beon-gil Gangseo-gu Busan, 46753 Korea
DESCRIPTION	SuperMax ultra high molecular weight polyethylene fibre braided rope
TYPE	12 strand, Type T
APPLICATION	Marine and offshore mooring ropes.
SPECIFIED STANDARDS	ISO 10325:2009 (E): Fibre ropes – High modulus polyethylene 8 strand braided ropes, 12 strand braided and covered rope ISO 9554:2010 (E): General fibre ropes specification ISO 2307:2010 (E): Fibre ropes – Determination of certain physical and mechanical properties

Certificate No.	18/00007
Issue Date	01 January 2018
Expiry Date	01 January 2023
Sheet	1 of 2

TYPE APPROVAL SYSTEM	
Reviewed for compliance with Lloyd's Register Type Approval System, see the certificate number as shown below:	
Certificate Number: 18/00007	
Date: 01 January 2018	Initials: [Initials]
Energy Southampton Office Non-metallic materials	
Lloyd's Register Group Limited	

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

M. Jogia
Global Technology Centre
Southampton
Lloyd's Register EMEA

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RATINGS

	Rope diameter (mm):	Minimum breaking force of unspliced ropes (kN):
12 Strand ropes	6 to 96	36.7 to 6,180

Refer to DSR CORP technical documentation for minimum breaking load for specific rope diameters and types.

OTHER CONDITIONS

1. LR Type Approval does not eliminate any requirement for a test certificate, or inspection, where required for contractual or statutory requirements;
2. Quoted breaking strengths are minimum values, therefore no tested value may be below the stated minimum.

"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."

Certificate No.	18/00007
Issue Date	01 January 2018
Expiry Date	01 January 2023
Sheet	2 of 2

TYPE APPROVAL SYSTEM

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Certificate Number: 18/00007

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