

## Type Approval Certificate

This is to certify that Certificate No. 13/00002 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Matec Group Srl
<b>PLACE OF PRODUCTION</b>	Via 1° Maggio 7 - 20068 Peschiera Borromeo (MI) Italy
<b>DESCRIPTION</b>	COMPOTEC® Composite Flexible Hoses
<b>TYPE AND RATINGS</b>	<p>Description: Compotec® hoses EN 13765:2015 Type 2 (SD) &amp; 3 (HD)</p> <p>Type: CHEM, OIL, PTFE, FOOD, DRAINTEC, HIGRADE, EXILITE, BIOTEC, BLH HOSE, FRACKHOSE, ABRATEC, CHEMCHLOR, EXTRAFLEX, HITEMP</p> <p>Application: Oil, Chemical, Hydrocarbons</p> <p>Bore Diameter: 3/4" to 12"</p> <p>Temperature Range: -40 to 80°C -40 to 125°C PTFE Type -40 to 200°C HITEMP Type</p> <p>Max Working Pressure: Type 2 (SD): 10 bar Type 3 (HD): 15 bar</p> <p>Type of wire: Galvanized steel (Z), Stainless steel (X), Aluminium (A), Polypropylene (P), PVDF (F)</p>
	<p>Description: Compotec® hoses EN 13766:2010 Type 1 and 2</p> <p>Type: CYROTEC 660 LG, CYROTEC 661 N</p>
<b>Certificate No.</b>	13/00002 (E1)
<b>Issue Date</b>	23 April 2018
<b>Expiry Date</b>	14 January 2023
<b>Sheet</b>	1 of 2



Fabrizio Cadenaro  
Trieste Technical Support Office  
Lloyd's Register EMEA

Lloyd's Register EMEA

Southampton Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF

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## Type Approval Certificate

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

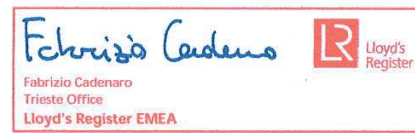
This certificate is issued to:

<b>PRODUCER</b>	Matec Group Srl
<b>PLACE OF PRODUCTION</b>	Via 1° Maggio 7 - 20068 Peschiera Borromeo (MI) Italy
<b>DESCRIPTION</b>	COMPOTEC® Hoses Marine Offshore
<b>TYPE AND RATINGS</b>	Bore Diameter:            ¾ to 12" Temperature Range:      -175 to 80°C Maximum pressure        15 barg
<b>STANDARDS/CODES</b>	OCIMF "Specification Guidance for dock hoses", August 2016 edition
<b>APPLICATION</b>	Flexible Hoses for the transfer of Crude Oils, petroleum products, chemicals, vapours, LPG and LNG, marine and offshore applications.
<b>OTHER CONDITIONS</b>	The hose types are to be suitable for the service conditions and fluid. The hose assemblies are to be installed and tested to the satisfaction of the attending surveyor.

*"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. 18/00037 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

<b>Certificate No.</b>	18/00037
<b>Issue Date</b>	11 May 2018
<b>Expiry Date</b>	10 May 2023
<b>Sheet</b>	1 of 1



Fabrizio Cadenaro  
Trieste Technical Support Office  
Lloyd's Register EMEA

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Southampton Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF

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