

## 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.

<b>Manufacturer</b>	<b>LANEX a.s.</b>
<b>Address</b>	Hlucinska 96/1, Bolatice, 747 23, Czech Republic
<b>Type</b>	Mooring Ropes
<b>Description</b>	Marine and offshore mooring ropes of synthetic materials
<b>Trade Name</b>	HMPE - Type T, POLYS - Type T, CRUISER -Type T, CRUISER PLUS - Type T, TITAN - Type T, TITAN PLUS - Type T.
<b>Application</b>	Marine and offshore mooring ropes
<b>Specified Standard</b>	BS EN ISO 10556:2009 – Fibre ropes of polyester/polyolefin dual fibres BS EN ISO 9554:2019 – Fibre ropes. General specification BS EN ISO 10572:2009 – Mixed polyolefin fibre ropes EN ISO 10325:2018 – High Modulus Polyethylene – 8 strand braided ropes, 12 strand braided ropes and covered ropes EN ISO 2307:2019 – Determination of certain physical and mechanical properties
<b>Ratings</b>	<b>HMPE Type T:</b> Diameter (mm): 16mm to 48mm Minimum breaking strength (kN): 260.00 to 1775.00 Make up: 12 strand braided

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**POLYS Type T:**

Diameter (mm): 18mm to 48mm  
Minimum breaking strength (kN): 65.00 to 397.00  
Make up: 12 strand braided

**CRUISER Type T:**

Diameter (mm): 18mm to 48mm  
Minimum breaking strength (kN): 70.00 to 468.00  
Make up: 12 strand braided

**CRUISER PLUS Type T:**

Diameter (mm): 16mm to 48mm  
Minimum breaking strength (kN): 73.00 to 553.00  
Make up: 12 strand braided

**TITAN Type T:**

Diameter (mm): 18mm to 48mm  
Minimum breaking strength (kN): 74.80 to 506.20  
Make up: 12 strand braided

**TITAN PLUS Type T:**

Diameter (mm): 18mm to 44mm  
Minimum breaking strength (kN): 84.50 to 507.80  
Make up: 12 strand braided

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 19-00012-04 and its supplementary Type Approval Terms and Conditions form part of this Certificate.