



DOTEXTREME LMT

Dolezych
EINFACH SICHER

**MORE POWER.
LESS WEIGHT.**

DoTExTreme LMT

Fibre ropes/slings
made of HMPE



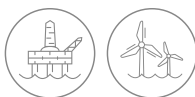
Where loads measuring several tonnes are moved, ships are securely moored or loads are towed, materials are required to perform at their absolute limit. Conventional solutions often reach their limits in such situations: too heavy, too rigid, not strong enough. The HMPE fibre in DoTExTreme LMT provides exceptional performance here – the HMPE material used is up to 15 times stronger than steel and three to four times stronger than polyester, while being significantly lighter. The low elongation also enables safe, controlled working even under the most extreme conditions.

LMT = LASHING – MOORING – TOWING

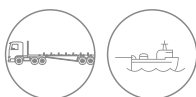
Lashing



Mooring



Towing



AREAS OF APPLICATION

- Load securing (primarily in the heavy-duty sector and on ships)
- Offshore-Mooring
- Towing (both on land and in the maritime sector)



ADVANTAGES

- Particularly abrasion-resistant thanks to high-performance fibres and HMPE reinforcement
- More UV-resistant than PES
- Chemical- and seawater-resistant, cannot rust
- Low elongation at break < 3 %
- 0 % water absorption and buoyant
- Easy to handle by a single user thanks to low weight
- Textile material protects the user's hands and sensitive surfaces
- Noise-reducing
- Significantly higher breaking load compared to conventional fibre ropes

FEATURES

- Made from braided 12-strand fibre ropes. These are considered the best rope construction and are now the most widely used type.
- Fibre: HMPE
- Specified minimum breaking load (MBL), either spliced or unspliced
- Operating temperature range: -40 °C to +70 °C
- DNV-certified

OUR PRODUCT RANGE

Features

- DNV-certified
- 12-plaid braided fibre rope
- Made of HMPE

Types

- Yard goods
- Single-sided or double-sided spliced loop
- Metal thimbles spliced on one side or both sides (as is the case with steel ropes)

	Additional features	Advantages
DoTEXTreme LMT Basic 	• Single-strand coated	• Improved internal and external abrasion resistance • High structural stability • Easy to splice • No rotation under load • Easy to inspect
DoTEXTreme LMT Performance with coverage 	• 24- or 32-strand braided protection • Single-yarn coating + three-stage coating process	• High resistance to external damage • Resistant to the penetration of particles • High structural stability • No rotation under load
DoTEXTreme LMT Premium with coverage on each braid 	• Single-strand coating + 24-strand coverage on each braid	• Very high resistance to external damage • High resistance to the penetration of particles • Improved internal and external abrasion resistance • High structural stability – rope with a uniform round shape • No rotation under load • Acts as a snap-back arrestor in the event of breakage (e.g. mooring rope)

DoTEXTreme LMT with DoNova®



The challenge

Special requirements, such as those in the shipping industry, call for specialised systems. Market requirements range, for example, from lashing systems well over 10 m in length to systems that do not use any steel components at all.

One of our solutions

The combination of the DoTEXTreme LMT and the DoNova®. We can even connect the DoTEXTreme directly to the DoNova®, thereby avoiding the need for heavy steel fasteners.

Advantages

- Weight-optimised – thanks to customised systems tailored to specific applications
- Easy to shorten – fitted with a DoNova® at at least one end
- Designed for load securing – with our tensioning systems (lashing strap tensioner or ratchet load tensioner)
- Cost-effective – from a length of 6 m, the system is more economical than a DoNova® chain alone.



SIE HABEN FRAGEN ZU DEN PRODUKTEN?
WIR BERATEN SIE GERNE!

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DOLEZYCH
WEBSITE



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