



C.I.V. OFFSHORE & SHIPPING

Mooring and towing

HMPE mooring and towing ropes

Made from HMPE fibres and protected by a impregnation that improves its abrasion resistance, HMPE ropes should be considered when high breaking strengths are required. Using a torque free 12 strands braided construction, HMPE is stronger than steel wire of the same weight and has proven to be a cost-saving and ergonomic replacement for wire rope in several applications.



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Mooring and towing

features:

- ✓ 1/7 of the steel wire weight
- ✓ Longer life time compared to steel wire
- ✓ Low operational costs
- ✓ Low elongation, Flexible, non kinking and non rotating
- ✓ Easy and safer handling

properties:

- ✓ Raw material: HMWPE
- ✓ Specific Gravity: 0,98 (floats)
- ✓ Melting Point: 150°C
- ✓ Elongation at % of BS:
25% 0,9%
50% 1,6%

applications:

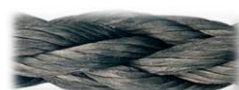
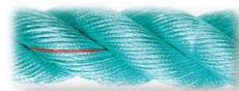
- ✓ Mooring lines
- ✓ Anchor line
- ✓ Winch lines
- ✓ Towing and Tug ropes

It may be evident that we are able to supply fibre ropes in all sorts of materials:

- polyester
- polyamide
- composites
- polypropylene
- polyethylene
- natural ropes

Standard materials (higher capacities available)

- 3 strand twisted**
 - PA / PE / PP / PES
 - diameter up to 136 mm
 - breaking strength up to 1,358 kN
- 4 strand twisted**
 - PA / PE / PP / PES
 - diameter up to 136 mm
 - breaking strength up to 1,495 kN
- 8 strand braided**
 - Dyneema / HMPE / PA / PE / PP / PES
 - diameter up to 136 mm
 - breaking strength up to 12,900 kN
- 12 stand braided**
 - Dyneema / HMPE / PA / PE / PP / PES
 - diameter up to 68 mm
 - breaking strength up to 3,170 kN



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