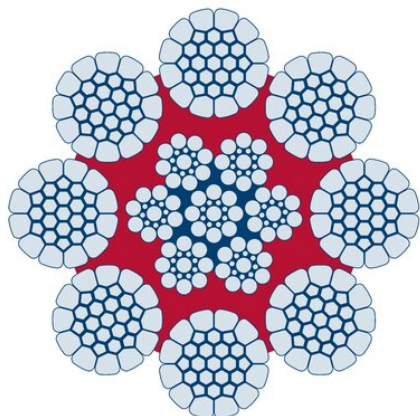


Steel Wire Rope ROPETEX PERFORM 8CP

Product information



ROPETEX



Ropetex PERFORM 8CP is a high-quality steel wire rope consisting of eight strands. The outer strands are compacted, and the core is separated from the outer strands by a plastic layer, reducing internal stress and giving it an excellent service life. Ropetex PERFORM 8CP is not rotation resistant.

Key product benefits

- Excellent lifetime
- Suitable for multi-layer drum spooling
- Very resistant against crushing
- Very abrasion resistant
- High breaking load (MBL)
- Plastic layer to reduce internal friction and stress while protecting the core

Main applications

- Hoist rope
- Auxiliary hoist rope
- Boom Hoist rope
- Luffing rope
- Trolley rope
- Pendant rope
- Grab rope

Rope Category Numbers acc. to ISO4309:2017

- Ø 8 mm to 14 mm: RCN 04
- Ø 15 mm to 39 mm: RCN 09
- Ø 40 mm to 48 mm: RCN 11

... [Read more](#)

Marking: According to standard

Temperature range: -40°C up to +60°C with standard lubricant

Standard: EN 12385-4

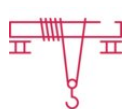
Fill factor: 0,664

Tolerance Ø: +2% to +4%

Container crane



Overhead cranes



Truck crane



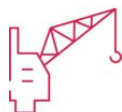
Offshore crane



Deck crane



Harbour mobile crane



Ladle crane



STS crane



Straddle carrier



RTG



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Technical data

| Part code | Rope diameter mm | Tensile strength N/mm ² | Finish | Rope lay | Min. breaking force kN | Steel area mm ² | Lubrication | Weight kg/100m | CO ₂ e |
|-----------------|---------------------|---------------------------------------|------------|----------|---------------------------|-------------------------------|-------------|-------------------|-------------------|
| 103101604270012 | 16 | 1,960 | Galvanized | sZ | 228.8 | 133.4 | A-2 | 116 | 4.82 |
| 103101803270012 | 18 | 1,960 | Galvanized | zS | 289.8 | 168.8 | A-2 | 147 | 6.11 |
| 103101804270012 | 18 | 1,960 | Galvanized | sZ | 289.8 | 168.8 | A-2 | 147 | 6.11 |
| 103102004270012 | 20 | 1,960 | Galvanized | sZ | 358 | 208.4 | A-2 | 182 | 7.56 |
| 103102803270012 | 28 | 1,960 | Galvanized | zS | 700.4 | 408.5 | A-2 | 355 | 14.75 |
| 103103204270012 | 32 | 1,960 | Galvanized | sZ | 915.5 | 533.5 | A-2 | 465 | 19.32 |
| 103103404270012 | 34 | 1,960 | Galvanized | sZ | 1,033.3 | 602.3 | A-2 | 552 | 22.94 |