

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

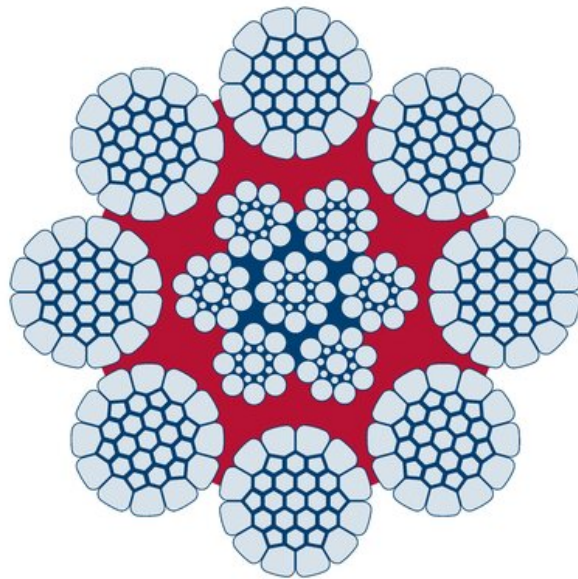
- Ø 8 mm to 14 mm: RCN 04
- Ø 15 mm to 39 mm: RCN 09
- Ø 40 mm to 48 mm: RCN 11

Marking: According to standard

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

Standard: EN 12385-4

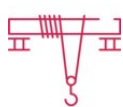
Fill factor: 0,664



Container crane



Overhead cranes



Truck crane



Offshore crane



Deck crane



Harbour mobile crane



Ladle crane



STS crane



Straddle carrier



RTG



Tolerance Ø: +2% to +4%

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