

# 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

**Standard:** EN12385

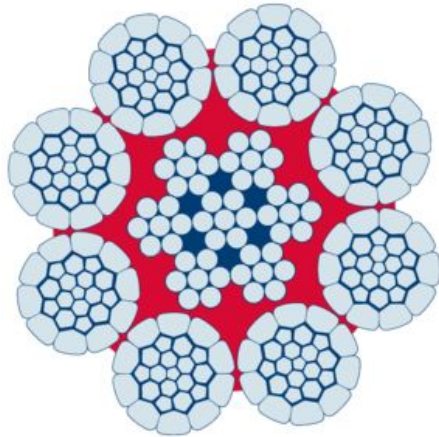
### Rope Category Numbers acc. to ISO4309:2017

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

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

**Fill factor:** 0,664

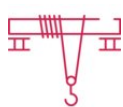
**Tolerance Ø:** +2% to +4%



Container crane



Overhead cranes



Truck crane



Offshore crane



Deck crane



Harbour mobile crane



Ladle crane



STS crane



Straddle carrier



RTG



Part Code	Rope diameter mm	Steel area mm <sup>2</sup>	Min. breaking force kN 1960 N/mm <sup>2</sup>	Weight kg/100m
103100804270012	8	33.3	57.4	29
103100904270013	9	42.2	72.4	36
103101004270013	10	52.1	89.5	45
103101103270013	11	63	107.6	55
103101203270012	12	75	128.1	65
103101303270013	13	88	150.7	76
103101403270013	14	102.1	174.3	89
103101503270013	15	117.2	201.4	102
103101603270013	16	133.4	228.8	116
103101803270013	18	168.8	289.8	147
103101903270013	19	188.1	323.4	165
103102004270012	20	208.4	358	182
103102203270012	22	252.2	432.4	220
103102403270012	24	301.1	514.6	261
103102503270012	25	325.6	568.4	284
103102604270012	26	352.2	603.9	332
103102804270012	28	408.5	700.4	355

103103004270012	30	468.9	803.9	410
103103204270013	32	533.5	915.5	465
103103403270013	34	602.3	1033.3	556
103103603270013	36	675.2	1159.2	588
103103803270013	38	752.3	1290.1	656
103104003270012	40	833.6	1431.2	726
103104204270012	42	919.1	1577.3	800
103104404270012	44	1,008.7	1730.6	880
103104603270012	46	1,102.4	1892	961
103104804270012	48	1,200.4	2060.5	1,050