

ROPETEX PERFORM 8CP

Product information

ROPETEX

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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

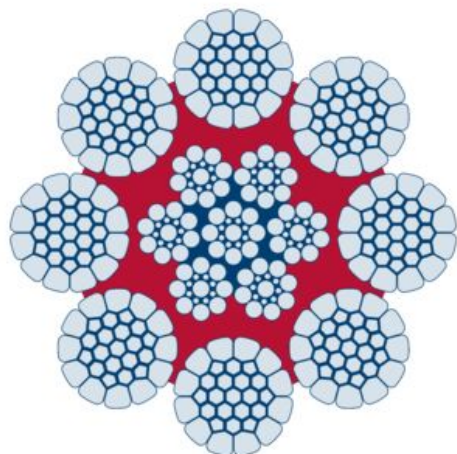
Rope Category Numbers acc. to ISO4309:2017

- 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

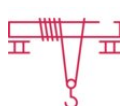
Tolerance Ø: +2% to +4%



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 mm²	Min. Breaking force kN. 1960 N/mm²	Weight kg/100m
103100803270012	8	33.3	57.4	29
103100903270012	9	42.2	72.4	36
103101003270012	10	52.1	89.5	45
103101103270012	11	63	107.6	55
103101203270012	12	75	128.1	65
103101303270012	13	88	150.7	76
103101403270012	14	102.1	174.3	89
103101503270012	15	117.2	201.4	102
103101603270012	16	133.4	228.8	116
103101803270012	18	168.8	289.8	147
103101903270012	19	188.1	323.4	165
103102003270012	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
103102603270012	26	352.2	603.9	332
103102803270012	28	408.5	700.4	355

103103003270012	30	468.9	803.9	410
103103203270012	32	533.5	915.5	465
103103403270012	34	602.3	1033.3	552
103103603270012	36	675.2	1159.2	588
103103803270012	38	752.3	1290.1	656
103104003270012	40	833.6	1431.2	726
103104203270012	42	919.1	1577.3	800
103104403270012	44	1,008.7	1730.6	880
103104603270012	46	1,102.4	1892	961
103104803270012	48	1,200.4	2060.5	1,050