

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

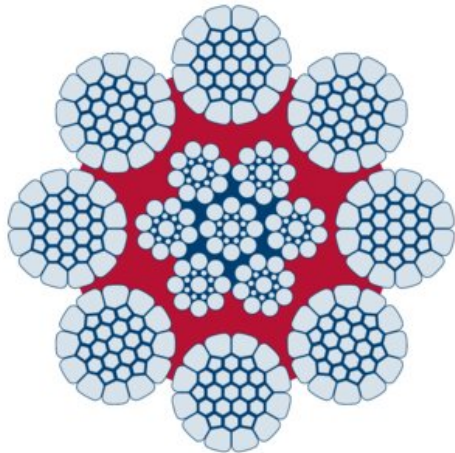
Rope Category Numbers acc. to ISO4309:2017

- 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

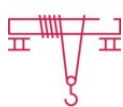
Tolerance Ø: +2% to +4%



Container crane



Overhead cranes



Truck crane



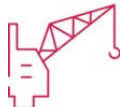
Offshore crane



Deck crane



Harbour mobile crane



Ladle crane



STS crane



Straddle carrier



RTG



Part Code	Rope Diameter, mm	Tensile strength N/mm ²	Steel area mm ²	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m
103100804270012	8	1,960	33.3	57.4	Galvanized	sZ	29
103100804270013	8	1,960	33.3	57.4	Galvanized	sZ	29
103100803270013	8	1,960	33.3	57.4	Galvanized	zS	29
103100904270013	9	1,960	42.2	72.4	Galvanized	sZ	36
103100903270013	9	1,960	42.2	72.4	Galvanized	zS	36
103101004270012	10	1,960	52.1	89.5	Galvanized	sZ	45
103101004270013	10	1,960	52.1	89.5	Galvanized	sZ	45
103101003270013	10	1,960	52.1	89.5	Galvanized	zS	45
103101104270013	11	1,960	63	107.6	Galvanized	sZ	55
103101103270013	11	1,960	63	107.6	Galvanized	zS	55
103101203270012	12	1,960	75	128.1	Galvanized	zS	65
103101204270013	12	1,960	75	128.1	Galvanized	sZ	65
103101203270013	12	1,960	75	128.1	Galvanized	zS	65
103101304270013	13	1,960	88	150.7	Galvanized	sZ	76
103101303270013	13	1,960	88	150.7	Galvanized	zS	76
103101404270012	14	1,960	102.1	174.3	Galvanized	sZ	89
103101404270013	14	1,960	102.1	174.3	Galvanized	sZ	89
103101403270013	14	1,960	102.1	174.3	Galvanized	zS	89

103101504270013	15	1,960	117.2	201.4	Galvanized	sZ	102
103101503270013	15	1,960	117.2	201.4	Galvanized	zS	102
103101604270013	16	1,960	133.4	228.8	Galvanized	sZ	116
103101603270013	16	1,960	133.4	228.8	Galvanized	zS	116
103101804270013	18	1,960	168.8	289.8	Galvanized	sZ	147
103101803270013	18	1,960	168.8	289.8	Galvanized	zS	147
103101904270013	19	1,960	188.1	323.4	Galvanized	sZ	165
103101903270013	19	1,960	188.1	323.4	Galvanized	zS	165
103102004270012	20	1,960	208.4	358	Galvanized	sZ	182
103102004270013	20	1,960	208.4	358	Galvanized	sZ	182
103102003270013	20	1,960	208.4	358	Galvanized	zS	182
103102203270012	22	1,960	252.2	432.4	Galvanized	zS	220
103102204270012	22	1,960	252.2	432.4	Galvanized	sZ	220
103102204270013	22	1,960	252.2	432.4	Galvanized	sZ	220
103102203270013	22	1,960	252.2	432.4	Galvanized	zS	220
103102403270012	24	1,960	301.1	514.6	Galvanized	zS	261
103102404270012	24	1,960	301.1	514.6	Galvanized	sZ	261
103102404270013	24	1,960	301.1	514.6	Galvanized	sZ	261
103102403270013	24	1,960	301.1	514.6	Galvanized	zS	261
103102503270012	25	1,960	325.6	568.4	Galvanized	zS	284
103102504270012	25	1,960	325.6	568.4	Galvanized	sZ	284
103102504270013	25	1,960	325.6	568.4	Galvanized	sZ	284
103102503270013	25	1,960	325.6	568.4	Galvanized	zS	284

103102603270012	26	1,960	352.2	603.9	Galvanized	zS	332
103102604270012	26	1,960	352.2	603.9	Galvanized	sZ	332
103102604270013	26	1,960	352.2	603.9	Galvanized	sZ	332
103102603270013	26	1,960	352.2	603.9	Galvanized	zS	332
103102803270012	28	1,960	408.5	700.4	Galvanized	zS	355
103102804270012	28	1,960	408.5	700.4	Galvanized	sZ	355
103102804270013	28	1,960	408.5	700.4	Galvanized	sZ	355
103102803270013	28	1,960	408.5	700.4	Galvanized	zS	355
103103003270012	30	1,960	468.9	803.9	Galvanized	zS	410
103103004270012	30	1,960	468.9	803.9	Galvanized	sZ	410
103103004270013	30	1,960	468.9	803.9	Galvanized	sZ	410
103103003270013	30	1,960	468.9	803.9	Galvanized	zS	410
103103203270012	32	1,960	533.5	915.5	Galvanized	zS	465
103103204270012	32	1,960	533.5	915.5	Galvanized	sZ	465
103103204270013	32	1,960	533.5	915.5	Galvanized	sZ	465
103103203270013	32	1,960	533.5	915.5	Galvanized	zS	465
103103403270012	34	1,960	602.3	1,033.3	Galvanized	zS	552
103103404270012	34	1,960	602.3	1,033.3	Galvanized	sZ	552
103103404270013	34	1,960	602.3	1,033.3	Galvanized	sZ	552
103103403270013	34	1,960	602.3	1,033.3	Galvanized	zS	552
103103603270012	36	1,960	675.2	1,159.2	Galvanized	zS	588
103103604270012	36	1,960	675.2	1,159.2	Galvanized	sZ	588
103103604270013	36	1,960	675.2	1,159.2	Galvanized	sZ	588

103103603270013	36	1,960	675.2	1,159.2	Galvanized	zS	588
103103803270012	38	1,960	752.3	1,290.1	Galvanized	zS	656
103103804270012	38	1,960	752.3	1,290.1	Galvanized	sZ	656
103103804270013	38	1,960	752.3	1,290.1	Galvanized	sZ	656
103103803270013	38	1,960	752.3	1,290.1	Galvanized	zS	656
103104003270012	40	1,960	833.6	1,431.2	Galvanized	zS	726
103104004270012	40	1,960	833.6	1,431.2	Galvanized	sZ	726
103104004270013	40	1,960	833.6	1,431.2	Galvanized	sZ	726
103104003270013	40	1,960	833.6	1,431.2	Galvanized	zS	726
103104203270012	42	1,960	919.1	1,577.3	Galvanized	zS	800
103104204270012	42	1,960	919.1	1,577.3	Galvanized	sZ	800
103104204270013	42	1,960	919.1	1,577.3	Galvanized	sZ	800
103104203270013	42	1,960	919.1	1,577.3	Galvanized	zS	800
103104403270012	44	1,960	1,008.7	1,730.6	Galvanized	zS	880
103104404270012	44	1,960	1,008.7	1,730.6	Galvanized	sZ	880
103104404270013	44	1,960	1,008.7	1,730.6	Galvanized	sZ	880
103104403270013	44	1,960	1,008.7	1,730.6	Galvanized	zS	880
103104603270012	46	1,960	1,102.4	1,892	Galvanized	zS	961
103104604270012	46	1,960	1,102.4	1,892	Galvanized	sZ	961
103104604270013	46	1,960	1,102.4	1,892	Galvanized	sZ	961
103104603270013	46	1,960	1,102.4	1,892	Galvanized	zS	961
103104803270012	48	1,960	1,200.4	2,060.5	Galvanized	zS	1,050
103104804270012	48	1,960	1,200.4	2,060.5	Galvanized	sZ	1,050

103104804270013	48	1,960	1,200.4	2,060.5	Galvanized	sZ	1,050
103104803270013	48	1,960	1,200.4	2,060.5	Galvanized	zS	1,050