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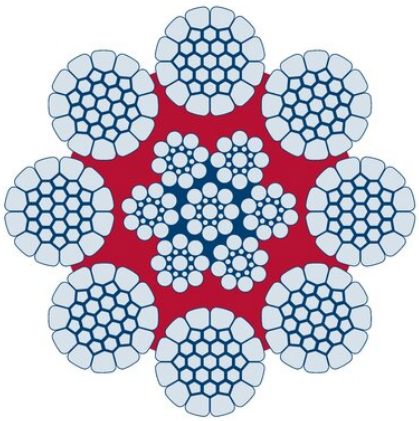
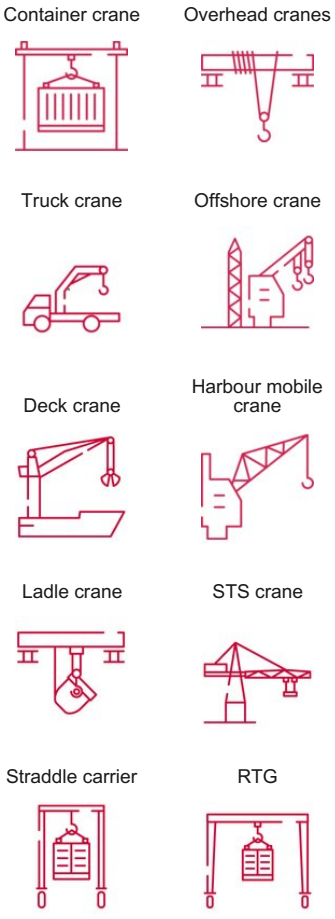
Steel Wire Rope Ropetex PERFORM 8CP

Product information





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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

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%

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m	CO_2 e
103100803270012	8	1,960	Galvanized	zS	57.4	33.3	A-2	29	1.21
103100804270012	8	1,960	Galvanized	sZ	57.4	33.3	A-2	29	1.21
103100804270013	8	1,960	Galvanized	sZ	57.4	33.3	A-3	29	1.21
103100803270013	8	1,960	Galvanized	zS	57.4	33.3	A-3	29	1.21
103100903270012	9	1,960	Galvanized	zS	72.4	42.2	A-2	36	1.5
103100904270012	9	1,960	Galvanized	sZ	72.4	42.2	A-2	36	1.5
103100904270013	9	1,960	Galvanized	sZ	72.4	42.2	A-3	36	1.5
103100903270013	9	1,960	Galvanized	zS	72.4	42.2	A-3	36	1.5
103101003270012	10	1,960	Galvanized	zS	89.5	52.1	A-2	45	1.87
103101004270012	10	1,960	Galvanized	sZ	89.5	52.1	A-2	45	1.87
103101004270013	10	1,960	Galvanized	sZ	89.5	52.1	A-3	45	1.87
103101003270013	10	1,960	Galvanized	zS	89.5	52.1	A-3	45	1.87
103101103270012	11	1,960	Galvanized	zS	107.6	63	A-2	55	2.29
103101104270012	11	1,960	Galvanized	sZ	107.6	63	A-2	55	2.29
103101104270013	11	1,960	Galvanized	sZ	107.6	63	A-3	55	2.29
103101103270013	11	1,960	Galvanized	zS	107.6	63	A-3	55	2.29
103101203270012	12	1,960	Galvanized	zS	128.1	75	A-2	65	2.7
103101204270012	12	1,960	Galvanized	sZ	128.1	75	A-2	65	2.7
103101204270013	12	1,960	Galvanized	sZ	128.1	75	A-3	65	2.7
103101203270013	12	1,960	Galvanized	zS	128.1	75	A-3	65	2.7
103101303270012	13	1,960	Galvanized	zS	150.7	88	A-2	76	3.16
103101304270012	13	1,960	Galvanized	sZ	150.7	88	A-2	76	3.16
103101304270013	13	1,960	Galvanized	sZ	150.7	88	A-3	76	3.16
103101303270013	13	1,960	Galvanized	zS	150.7	88	A-3	76	3.16
103101403270012	14	1,960	Galvanized	zS	174.3	102.1	A-2	89	3.7
103101404270012	14	1,960	Galvanized	sZ	174.3	102.1	A-2	89	3.7
103101404270013	14	1,960	Galvanized	sZ	174.3	102.1	A-3	89	3.7
103101403270013	14	1,960	Galvanized	zS	174.3	102.1	A-3	89	3.7
103101503270012	15	1,960	Galvanized	zS	201.4	117.2	A-2	102	4.24
103101504270012	15	1,960	Galvanized	sZ	201.4	117.2	A-2	102	4.24
103101504270013	15	1,960	Galvanized	sZ	201.4	117.2	A-3	102	4.24

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m	CO_2 e
103101503270013	15	1,960	Galvanized	zS	201.4	117.2	A-3	102	4.24
103101603270012	16	1,960	Galvanized	zS	228.8	133.4	A-2	116	4.82
103101604270012	16	1,960	Galvanized	sZ	228.8	133.4	A-2	116	4.82
103101604270013	16	1,960	Galvanized	sZ	228.8	133.4	A-3	116	4.82
103101603270013	16	1,960	Galvanized	zS	228.8	133.4	A-3	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
103101804270013	18	1,960	Galvanized	sZ	289.8	168.8	A-3	147	6.11
103101803270013	18	1,960	Galvanized	zS	289.8	168.8	A-3	147	6.11
103101903270012	19	1,960	Galvanized	zS	323.4	188.1	A-2	165	6.86
103101904270012	19	1,960	Galvanized	sZ	323.4	188.1	A-2	165	6.86
103101904270013	19	1,960	Galvanized	sZ	323.4	188.1	A-3	165	6.86
103101903270013	19	1,960	Galvanized	zS	323.4	188.1	A-3	165	6.86
103102003270012	20	1,960	Galvanized	zS	358	208.4	A-2	182	7.56
103102004270012	20	1,960	Galvanized	sZ	358	208.4	A-2	182	7.56
103102004270013	20	1,960	Galvanized	sZ	358	208.4	A-3	182	7.56
103102003270013	20	1,960	Galvanized	zS	358	208.4	A-3	182	7.56
103102203270012	22	1,960	Galvanized	zS	432.4	252.2	A-2	220	9.14
103102204270012	22	1,960	Galvanized	sZ	432.4	252.2	A-2	220	9.14
103102204270013	22	1,960	Galvanized	sZ	432.4	252.2	A-3	220	9.14
103102203270013	22	1,960	Galvanized	zS	432.4	252.2	A-3	220	9.14
103102403270012	24	1,960	Galvanized	zS	514.6	301.1	A-2	261	10.85
103102404270012	24	1,960	Galvanized	sZ	514.6	301.1	A-2	261	10.85
103102404270013	24	1,960	Galvanized	sZ	514.6	301.1	A-3	261	10.85
103102403270013	24	1,960	Galvanized	zS	514.6	301.1	A-3	261	10.85
103102503270012	25	1,960	Galvanized	zS	568.4	325.6	A-2	284	11.8
103102504270012	25	1,960	Galvanized	sZ	568.4	325.6	A-2	284	11.8
103102504270013	25	1,960	Galvanized	sZ	568.4	325.6	A-3	284	11.8
103102503270013	25	1,960	Galvanized	zS	568.4	325.6	A-3	284	11.8
103102603270012	26	1,960	Galvanized	zS	603.9	352.2	A-2	332	13.8
103102604270012	26	1,960	Galvanized	sZ	603.9	352.2	A-2	332	13.8

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m	CO_2 e
103102604270013	26	1,960	Galvanized	sZ	603.9	352.2	A-3	332	13.8
103102603270013	26	1,960	Galvanized	zS	603.9	352.2	A-3	332	13.8
103102803270012	28	1,960	Galvanized	zS	700.4	408.5	A-2	355	14.75
103102804270012	28	1,960	Galvanized	sZ	700.4	408.5	A-2	355	14.75
103102804270013	28	1,960	Galvanized	sZ	700.4	408.5	A-3	355	14.75
103102803270013	28	1,960	Galvanized	zS	700.4	408.5	A-3	355	14.75
103103003270012	30	1,960	Galvanized	zS	803.9	468.9	A-2	410	17.04
103103004270012	30	1,960	Galvanized	sZ	803.9	468.9	A-2	410	17.04
103103004270013	30	1,960	Galvanized	sZ	803.9	468.9	A-3	410	17.04
103103003270013	30	1,960	Galvanized	zS	803.9	468.9	A-3	410	17.04
103103203270012	32	1,960	Galvanized	zS	915.5	533.5	A-2	465	19.32
103103204270012	32	1,960	Galvanized	sZ	915.5	533.5	A-2	465	19.32
103103204270013	32	1,960	Galvanized	sZ	915.5	533.5	A-3	465	19.32
103103203270013	32	1,960	Galvanized	zS	915.5	533.5	A-3	465	19.32
103103403270012	34	1,960	Galvanized	zS	1,033.3	602.3	A-2	552	22.94
103103404270012	34	1,960	Galvanized	sZ	1,033.3	602.3	A-2	552	22.94
103103404270013	34	1,960	Galvanized	sZ	1,033.3	602.3	A-3	552	22.94
103103403270013	34	1,960	Galvanized	zS	1,033.3	602.3	A-3	552	22.94
103103603270012	36	1,960	Galvanized	zS	1,159.2	675.2	A-2	588	24.44
103103604270012	36	1,960	Galvanized	sZ	1,159.2	675.2	A-2	588	24.44
103103604270013	36	1,960	Galvanized	sZ	1,159.2	675.2	A-3	588	24.44
103103603270013	36	1,960	Galvanized	zS	1,159.2	675.2	A-3	588	24.44
103103803270012	38	1,960	Galvanized	zS	1,290.1	752.3	A-2	656	27.26
103103804270012	38	1,960	Galvanized	sZ	1,290.1	752.3	A-2	656	27.26
103103804270013	38	1,960	Galvanized	sZ	1,290.1	752.3	A-3	656	27.26
103103803270013	38	1,960	Galvanized	zS	1,290.1	752.3	A-3	656	27.26
103104003270012	40	1,960	Galvanized	zS	1,431.2	833.6	A-2	726	30.17
103104004270012	40	1,960	Galvanized	sZ	1,431.2	833.6	A-2	726	30.17
103104004270013	40	1,960	Galvanized	sZ	1,431.2	833.6	A-3	726	30.17
103104003270013	40	1,960	Galvanized	zS	1,431.2	833.6	A-3	726	30.17
103104203270012	42	1,960	Galvanized	zS	1,577.3	919.1	A-2	800	33.25

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m	CO_2 e
103104204270012	42	1,960	Galvanized	sZ	1,577.3	919.1	A-2	800	33.25
103104204270013	42	1,960	Galvanized	sZ	1,577.3	919.1	A-3	800	33.25
103104203270013	42	1,960	Galvanized	zS	1,577.3	919.1	A-3	800	33.25
103104403270012	44	1,960	Galvanized	zS	1,730.6	1,008.7	A-2	880	36.57
103104404270012	44	1,960	Galvanized	sZ	1,730.6	1,008.7	A-2	880	36.57
103104404270013	44	1,960	Galvanized	sZ	1,730.6	1,008.7	A-3	880	36.57
103104403270013	44	1,960	Galvanized	zS	1,730.6	1,008.7	A-3	880	36.57
103104603270012	46	1,960	Galvanized	zS	1,892	1,102.4	A-2	961	39.94
103104604270012	46	1,960	Galvanized	sZ	1,892	1,102.4	A-2	961	39.94
103104604270013	46	1,960	Galvanized	sZ	1,892	1,102.4	A-3	961	39.94
103104603270013	46	1,960	Galvanized	zS	1,892	1,102.4	A-3	961	39.94
103104803270012	48	1,960	Galvanized	zS	2,060.5	1,200.4	A-2	1,050	43.63
103104804270012	48	1,960	Galvanized	sZ	2,060.5	1,200.4	A-2	1,050	43.63
103104804270013	48	1,960	Galvanized	sZ	2,060.5	1,200.4	A-3	1,050	43.63
103104803270013	48	1,960	Galvanized	zS	2,060.5	1,200.4	A-3	1,050	43.63

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