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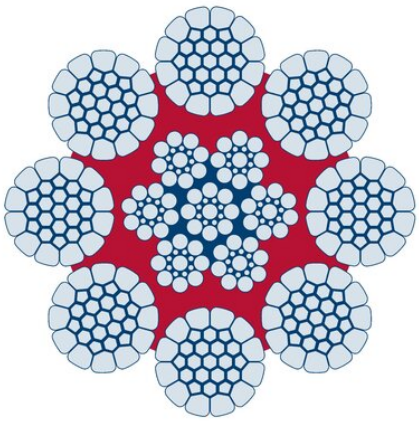
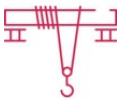
Axel Johnson International

Steel Wire Rope Ropetex PERFORM 8CP

Product information




Container crane


Overhead cranes


Truck crane


Offshore crane


Deck crane


Harbour mobile crane


Ladle crane


STS crane


Straddle carrier


RTG

ROPETEX

zS sZ G

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%

Certex Lietuva UAB
info@certex.lt
+370 5 2300020

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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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
103102803270012	28	1,960	Galvanized	zS	700.4	408.5	A-2	355	14.75

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103102804270012	28	1,960	Galvanized	sZ	700.4	408.5	A-2	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
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
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
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
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
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
103104203270012	42	1,960	Galvanized	zS	1,577.3	919.1	A-2	800	33.25
103104204270012	42	1,960	Galvanized	sZ	1,577.3	919.1	A-2	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

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