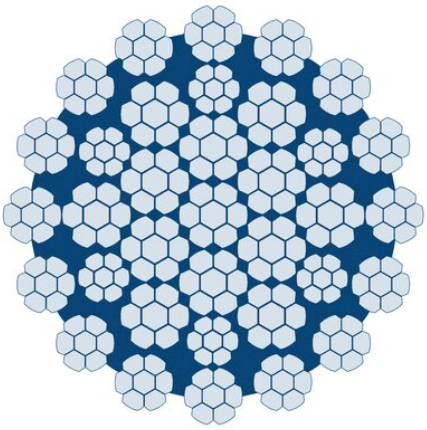
CERTEX | Lifting Solutions Group
Axel Johnson International

Steel Wire Rope Ropetex PERFORM 35C

Product information



Tower crane

Truck crane

Mobile port crane

Mobile port crane

Offshore crane

Offshore crane

Crawler crane

Crawler crane

Luffing crane

Self-erected crane

Piling crane

Truck crane

ROPETEX

Ropetex PERFORM 35C is a flexible high-quality rotation resistant steel wire rope. The strands are compacted giving it a high breaking load and making it wear resistant. Ropetex PERFORM 35C is very well suited for multi-layer spooling.

Key product benefits

- Rotation resistant steel wire rope
- Excellent lifetime
- Suitable for multi-layer drum spooling
- Very resistant against crushing
- Very wear resistant
- High breaking load (MBL)

Main applications

- Hoist ropes
- Auxilary hoist ropes

Rope Category Number acc. to ISO 4309:2017: 23-2

... *Read more*

Rope construction: 35xK7WS
Marking: According to standard
Temperature range: -40°C up to +60°C with standard lubricant, wider range on request
Standard: EN 12385-4

Fill factor: 0,72
RCN: 23-2
Tolerance Ø: +2% to +4%

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Steel Wire Rope Ropetex PERFORM 35C

Offshore crane

Deck crane

Knuckle boom crane

Winch rope

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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 kg
104100806270012	8	1,960	Galvanized	zZ	60.9	36.4	A-2	32	1.29
104100906270012	9	1,960	Galvanized	zZ	76.9	46.1	A-2	40	1.61
104101006270012	10	1,960	Galvanized	zZ	94.7	56.9	A-2	50	2.01
104101106270012	11	1,960	Galvanized	zZ	114	68.8	A-2	60	2.42
104101206270012	12	1,960	Galvanized	zZ	135.4	81.9	A-2	72	2.9
104101306270012	13	1,960	Galvanized	zZ	159.8	96.2	A-2	84	3.38
104101406270012	14	1,960	Galvanized	zZ	185.3	115.5	A-2	98	3.95
104101506270012	15	1,960	Galvanized	zZ	213.3	128	A-2	112	4.51
104101606270012	16	1,960	Galvanized	zZ	242.3	145.7	A-2	127	5.12
104101806270012	18	1,960	Galvanized	zZ	306.4	184.3	A-2	158	6.37
104101806300012	18	2,160	Galvanized	zZ	318.8	184.3	A-2	158	6.37
104101906270012	19	1,960	Galvanized	zZ	341	205.4	A-2	179	7.21
104101905270012	19	1,960	Galvanized	sS	341	205.4	A-2	179	7.21
104101906300012	19	2,160	Galvanized	zZ	354.4	205.4	A-2	179	7.21
104102006270012	20	1,960	Galvanized	zZ	377.7	227.6	A-2	198	7.98
104102006300012	20	2,160	Galvanized	zZ	393	227.6	A-2	198	7.98
104102106270012	21	1,960	Galvanized	zZ	417.4	250.9	A-2	218	8.78
104102106300012	21	2,160	Galvanized	zZ	433.6	250.9	A-2	218	8.78
104102206270012	22	1,960	Galvanized	zZ	458.1	275.4	A-2	240	9.67
104102205270012	22	1,960	Galvanized	sS	458.1	275.4	A-2	240	9.67
104102206300012	22	2,160	Galvanized	zZ	475.2	275.4	A-2	240	9.67
104102306270012	23	1,960	Galvanized	zZ	499.8	301	A-2	262	10.56
104102306300012	23	2,160	Galvanized	zZ	520.7	301	A-2	262	10.56
104102406270012	24	1,960	Galvanized	zZ	544.6	327.7	A-2	285	11.48
104102405270012	24	1,960	Galvanized	sS	544.6	327.7	A-2	285	11.48
104102406300012	24	2,160	Galvanized	zZ	566.3	327.7	A-2	285	11.48
104102506270012	25	1,960	Galvanized	zZ	590.4	355.6	A-2	310	12.49
104102606270012	26	1,960	Galvanized	zZ	639.3	384.6	A-2	334	13.46
104102605270012	26	1,960	Galvanized	sS	639.3	384.6	A-2	334	13.46
104102806270012	28	1,960	Galvanized	zZ	741.1	446.1	A-2	388	15.63
104103006270012	30	1,960	Galvanized	zZ	851	512.1	A-2	445	17.93

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104103206270012	32	1,960	Galvanized	zZ	967.1	582.6	A-2	506	20.39
104103406270012	34	1,960	Galvanized	zZ	1,094.4	657.2	A-2	572	23.04
104103606270012	36	1,960	Galvanized	zZ	1,234.7	737.4	A-2	641	25.82
104103806270012	38	1,960	Galvanized	zZ	1,366.2	821.6	A-2	714	28.77

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