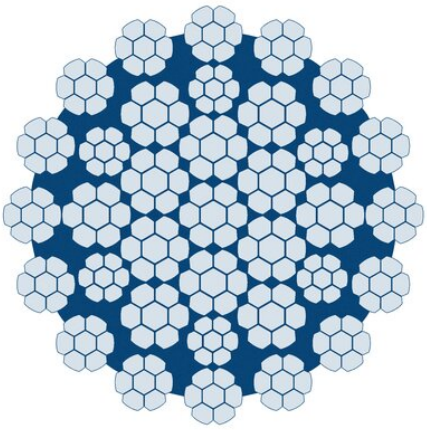
Steel Wire Rope Ropetex PERFORM 35C

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
104100806300012	8	2,160	Galvanized	zZ	63.1	36.4	A-2	32	1.29
104100906270012	9	1,960	Galvanized	zZ	76.9	46.1	A-2	40	1.61
104100906300012	9	2,160	Galvanized	zZ	79.6	46.1	A-2	40	1.61
104101006270012	10	1,960	Galvanized	zZ	94.7	56.9	A-2	50	2.01
104101006300012	10	2,160	Galvanized	zZ	98	56.9	A-2	50	2.01
104101106270012	11	1,960	Galvanized	zZ	114	68.8	A-2	60	2.42
104101106300012	11	2,160	Galvanized	zZ	118.8	68.8	A-2	60	2.42
104101206270012	12	1,960	Galvanized	zZ	135.4	81.9	A-2	72	2.9
104101206300012	12	2,160	Galvanized	zZ	140.6	81.9	A-2	72	2.9
104101306270012	13	1,960	Galvanized	zZ	159.8	96.2	A-2	84	3.38
104101306300012	13	2,160	Galvanized	zZ	169.7	96.2	A-2	84	3.38
104101406270012	14	1,960	Galvanized	zZ	185.3	115.5	A-2	98	3.95
104101406300012	14	2,160	Galvanized	zZ	193.1	115.5	A-2	98	3.95
104101506270012	15	1,960	Galvanized	zZ	213.3	128	A-2	112	4.51
104101506300012	15	2,160	Galvanized	zZ	220.8	128	A-2	112	4.51
104101606270012	16	1,960	Galvanized	zZ	242.3	145.7	A-2	127	5.12
104101606300012	16	2,160	Galvanized	zZ	251.5	145.7	A-2	127	5.12
104101706270012	17	1,960	Galvanized	zZ	273.5	164	A-2	143	-
104101706300012	17	2,160	Galvanized	zZ	283.9	164	A-2	143	-
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
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
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

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Steel Wire Rope Ropetex PERFORM 35C

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
104102406270012	24	1,960	Galvanized	zZ	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
104102506300012	25	2,160	Galvanized	zZ	615.8	355.6	A-2	310	12.49
104102606270012	26	1,960	Galvanized	zZ	639.3	384.6	A-2	334	13.46
104102606300012	26	2,160	Galvanized	zZ	665.3	384.6	A-2	334	13.46
104102806270012	28	1,960	Galvanized	zZ	741.1	446.1	A-2	388	15.63
104102806300012	28	2,160	Galvanized	zZ	772.2	446.1	A-2	388	15.63
104103006270012	30	1,960	Galvanized	zZ	851	512.1	A-2	445	17.93
104103006300012	30	2,160	Galvanized	zZ	886.1	512.1	A-2	445	17.93
104103206270012	32	1,960	Galvanized	zZ	967.1	582.6	A-2	506	20.39
104103206300012	32	2,160	Galvanized	zZ	1,007.8	582.6	A-2	506	20.39
104103406270012	34	1,960	Galvanized	zZ	1,094.4	657.2	A-2	572	23.04
104103406300012	34	2,160	Galvanized	zZ	1,138.5	657.2	A-2	572	23.04
104103606270012	36	1,960	Galvanized	zZ	1,234.7	737.4	A-2	641	25.82
104103606300012	36	2,160	Galvanized	zZ	1,276.1	737.4	A-2	641	25.82
104103806270012	38	1,960	Galvanized	zZ	1,366.2	821.6	A-2	714	28.77
104103806300012	38	2,160	Galvanized	zZ	1,421.6	821.6	A-2	714	28.77

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