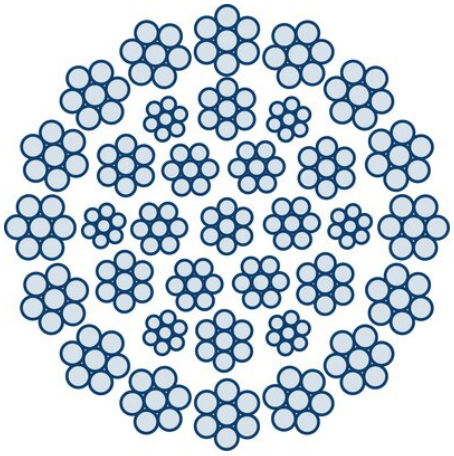
CERTEX | Lifting Solutions Group
Axel Johnson International

Steel Wire Rope Ropetex S55

Product information



Mobile crane



Self-erected crane



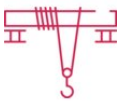
Tower crane



Luffing crane



Overhead cranes



Mobile port crane



Deck crane



Jib crane



Truck crane



ROPETEX



Ropetex S55 is a rotating-resistant steel wire rope consisting of three layers of strands and a (steel) wire strand core. As the outer layer are closed in the opposite direction of the two inner layers this rope is considered as rotating-resistant steel wire rope.

Ropetex S55 is available from 9 to 20 mm and can be used for unguided single part lifting even with great lifting heights.

Ropetex S55 is good to use in several crane types like tower cranes, mobile cranes, electrical hoists and all other applications where a rotation resistant wire rope is required.

If you are searching for a comparable rope in a smaller diameter, look at Ropetex S18.

... *Read more*

Rope construction: 35(W)x7
Marking: According to standard
Temperature range: -40°C up to +200°C, for operating temperatures between 100°C and 200°C reduce MBF by minus 10 %
Standard: EN 12385-4, AS 3569
Note: Ropes of the class 35x7 have to be replaced always by ropes of the same/comparable class and never by ropes of class 18x7. Whereas ropes of the class 18x7 can be replaced also by ropes of 35x7 from a technical point of view.

Fill factor: 0,61
RCN: 23-2

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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
102100904270021	9	1,960	Galvanized	sZ	57.2	38.9	A-1	36.8
102101004270021	10	1,960	Galvanized	sZ	70.6	48	A-1	45.4
102101204270021	12	1,960	Galvanized	sZ	102	69.1	A-1	65.4
102101304270021	13	1,960	Galvanized	sZ	119	81.1	A-1	76.7
102101404270021	14	1,960	Galvanized	sZ	138	94.1	A-1	89
102101504270021	15	1,960	Galvanized	sZ	159	108	A-1	102
102101604270021	16	1,960	Galvanized	sZ	181	123	A-1	116
102101804270021	18	1,960	Galvanized	sZ	229	156	A-1	147
102101904270021	19	1,960	Galvanized	sZ	255	173	A-1	164
102102004270021	20	1,960	Galvanized	sZ	282	192	A-1	182
102102204270021	22	1,960	Galvanized	sZ	342	232	A-1	220

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