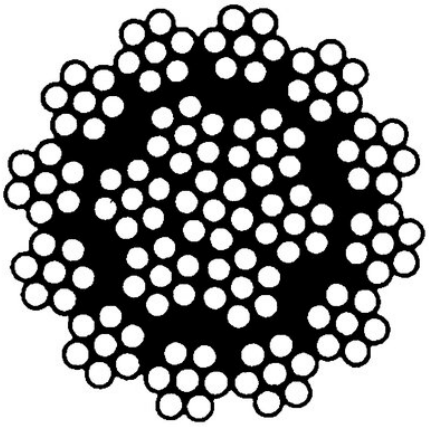
LAM-É ST-PIERRE | Lifting Solutions Group
Axel Johnson International

Steel Wire Rope 19x7

Product information



Main applications: Main- and auxiliary hoist line on mobile- and truck cranes. Often used as a single point line. Large lifting heights will require a tag line to prevent excessive spinning of the load. Smaller sizes (< 3/8”) are sometimes used on overhead cranes.
NOT recommended for construction tower cranes.
Rope characteristic: Using the rope to it’s maximum fatigue life will cause the rope to deteriorate from the inside out. Sudden rope failures may be the result. For this reason we do not recommend this construction for tower cranes. There have been fatal and catastrophic accidents involving this rope construction because of undetected inner rope fatigue.

... *Read more*

Rope construction: 19x7 (Semi-rotation resistant rope)
Marking: According to standard
Standard: EN 12385-4

RCN: 23-1

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Technical data

Rope diameter mm	Rope diameter inch	Rope lay	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication
7.9	5/16	sZ	1,960	Bright	sZ	37.99	A-2
9.5	3/8	sZ	1,960	Bright	sZ	54.71	A-2
11.1	7/16	sZ	1,960	Bright	sZ	73.84	A-2
12.7	1/2	sZ	1,960	Bright	sZ	96.08	A-2
15.9	5/8	sZ	1,960	Bright	sZ	149.46	A-2
19	3/4	sZ	1,960	Bright	sZ	213.51	A-2

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