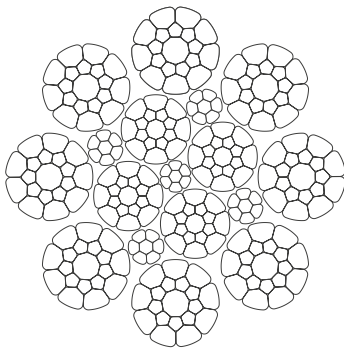


8xK19S-PWRC(K) / RCN.04

Integral 8/8xK19S

8 outer strands parallel closed rope

Integral 8/8xK19S is a parallel closed rope with 8 outer strands for applications where a very high breaking strength is required.



Features:

- 8 outer strands, parallel closed rope
- Extremely high breaking load (high fill factor)
- Bright or galvanised steel wires 2160 N/mm²

Integral 8/8xK19S/2018/v1.0

Diameter		Section	Mass	Minimum breaking load
mm	inch	mm ²	kg/m	kN
				2160 MPa
6.4	-	23.7	0.20	43
7	-	28.3	0.25	51
7.2	-	29.9	0.26	54
8	5.16	36.8	0.32	67
9	-	46.6	0.40	85
10	-	57.1	0.50	105
11	7/16	69.1	0.60	126.4
12	-	82.1	0.71	150
13	1/2	95.9	0.83	175
14	9/16	112.2	0.97	205
15	-	130.0	1.13	238.6
			f - Fill Factor	k - Spinning Loss Factor
			0.733	0.845

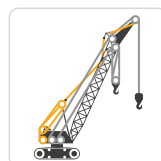
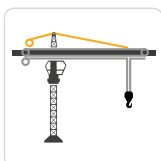
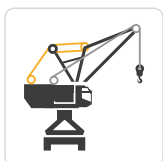
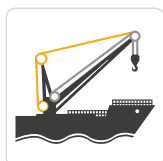
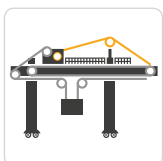
Please note: Other diameters with other tolerances than those shown here can be made on studies.

Never use with swivel

Indicative values - Tolerance on diameter: ArcelorMittal design (0; +4%)

PLEASE NOTE: Due to its parallel closed geometry, this rope should only be used with both ends prevented from rotating and under a significant tension.

Applications



KEY

- Hoist
- Trolley
- Boom Luffing
- Grab
- Auxiliary Hoist
- Pipe Handling

Integral 8 wire rope properties

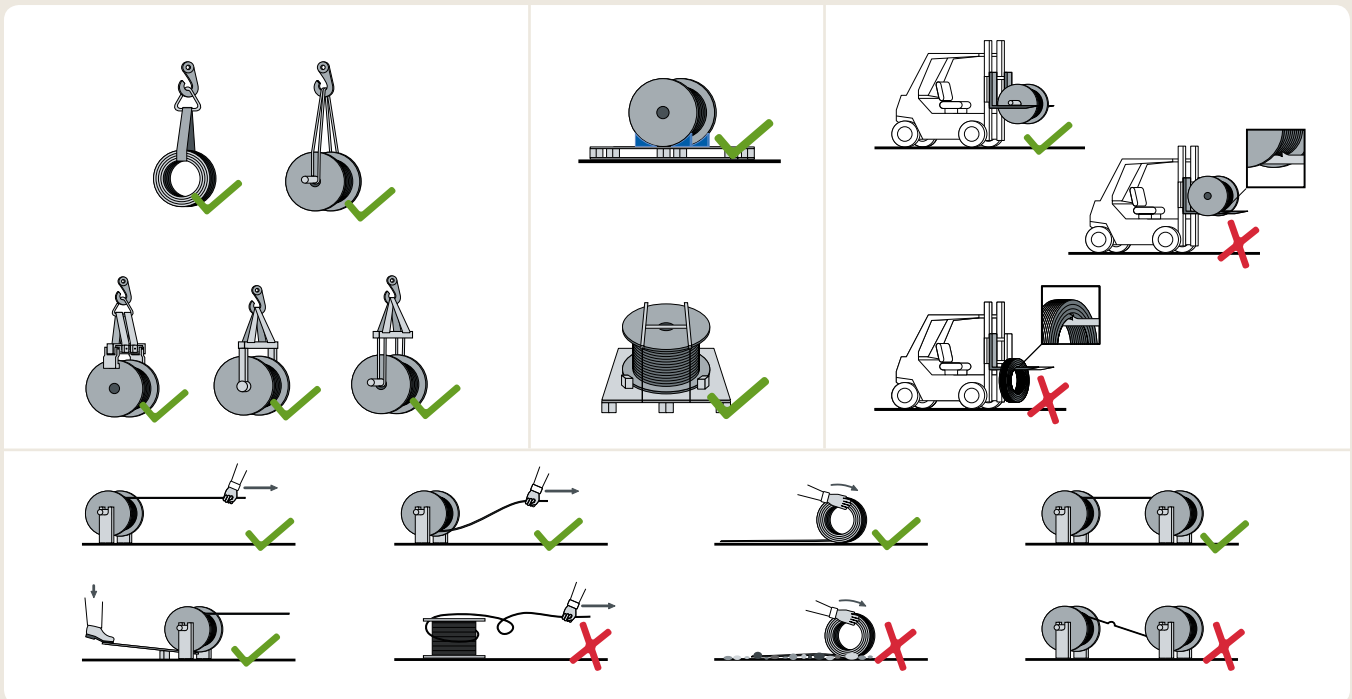
 <p>Lubrication</p>	 <p>Compaction</p>	 <p>High Breaking Resistance</p>	 <p>Resistance to Crushing</p>	 <p>Regular Lay Rope</p>
<p>Extends the life and increases rope performance.</p>	<p>Smoother outer surface with increased strength and reduced wear.</p>	<p>Ropes featuring a high breaking force.</p>	<p>Ropes designed to withstand or resist external forces.</p>	<p>Less core sensitivity with a non-rotational property.</p>

Storage and maintenance

The rope must be adequately maintained and regularly lubricated, as often as it is necessary, but at least when the rope works in extreme conditions and before/after prolonged inactivity. The lubricant must be compatible with the original grease. Before re-lubrication, the wire rope must be dry and cleaned by scraping. Cleaning by cloth, cryogenic spray, high pressure cleaner and solvents are forbidden.

When stored, the rope should be kept in a dry and ventilated environment with no direct contact with the floor and an air flow under the reel. Visual inspection is necessary before the use of a stored wire rope. In case of doubt of the quality of the wire rope, we can help you to find and make additional inspection analysis.

EWRIS handling recommendations



At all times, contact of the rope with any metallic pieces should be avoided to prevent early damage.



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High performance **Hoisting Ropes**
for the most demanding environments

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