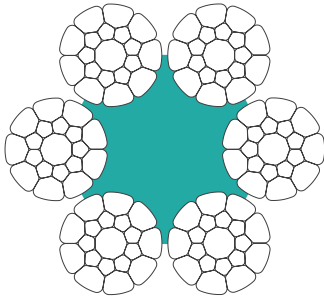


6xK19S-SPC

SLR19 compacted

6 strand ropes from ArcelorMittal ROPES offer superior strength, stretch resistance and resistance to bending fatigue.



6xK19S-SPC is a 6 strand compacted rope with an exceptionally high breaking load that is designed for chairlifts, gondolas, passenger and material cable cars and tramways. SLR19 Compacted is a lang lay rope engineered for high resistance to abrasion, stretching, bending and crushing.

Diameter mm	Section mm ²	Mass kg/m	Minimum breaking load							
			1570 MPa		1770 MPa		1960 MPa		Max MPa	
			Total	MBL	Total	MBL	Total	MBL	Total	MBL
26	330	2.849	535	460	601	517	673	579	707	608
27	355	3.061	575	495	646	556	723	622	760	654
28	381	3.282	616	530	693	596	775	667	815	701
29	407	3.510	659	567	741	637	829	713	872	750
30	435	3.747	704	605	791	680	885	761	931	800
31	463	3.992	750	645	842	724	943	811	991	853
32	492	4.244	797	686	896	770	1003	862	1054	907
33	522	4.505	846	728	951	818	1064	915	1119	962
34	554	4.774	897	771	1008	866	1128	970	1186	1020
35	586	5.050	949	816	1066	917	1193	1026	1254	1079
36	619	5.335	1002	862	1126	968	1260	1084	1325	1140
37	653	5.628	1057	909	1188	1022	1329	1143	1398	1202
38	688	5.928	1114	958	1251	1076	1400	1204	1473	1266
39	723	6.237	1172	1008	1316	1132	1473	1267	1549	1332
40	760	6.554	1231	1059	1383	1190	1548	1332	1628	1400
41	798	6.879	1292	1111	1452	1249	1625	1398	1709	1469
42	836	7.212	1355	1165	1522	1309	1704	1465	1791	1541
43	876	7.552	1419	1220	1594	1371	1784	1534	1876	1613
44	916	7.901	1484	1277	1668	1434	1867	1605	1963	1688
45	958	8.258	1552	1334	1743	1499	1951	1678	2051	1764

Approximate values

Please note: Other diameters with other tolerances than those illustrated can be manufactured on request.

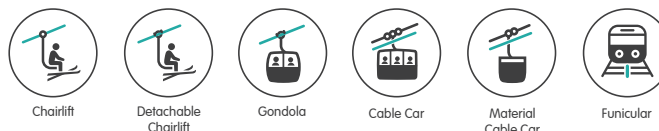
QUALITY

ArcelorMittal ROPES operates an internal DNV-Certified Quality Assurance System which complies with the requirements of ISO 9001.

Our production plant in Bourg-en-Bresse is certified OHSAS 18001 for safety management.

Please contact us for a full list of our international standards.

Applications





SLR19 compacted wire rope properties

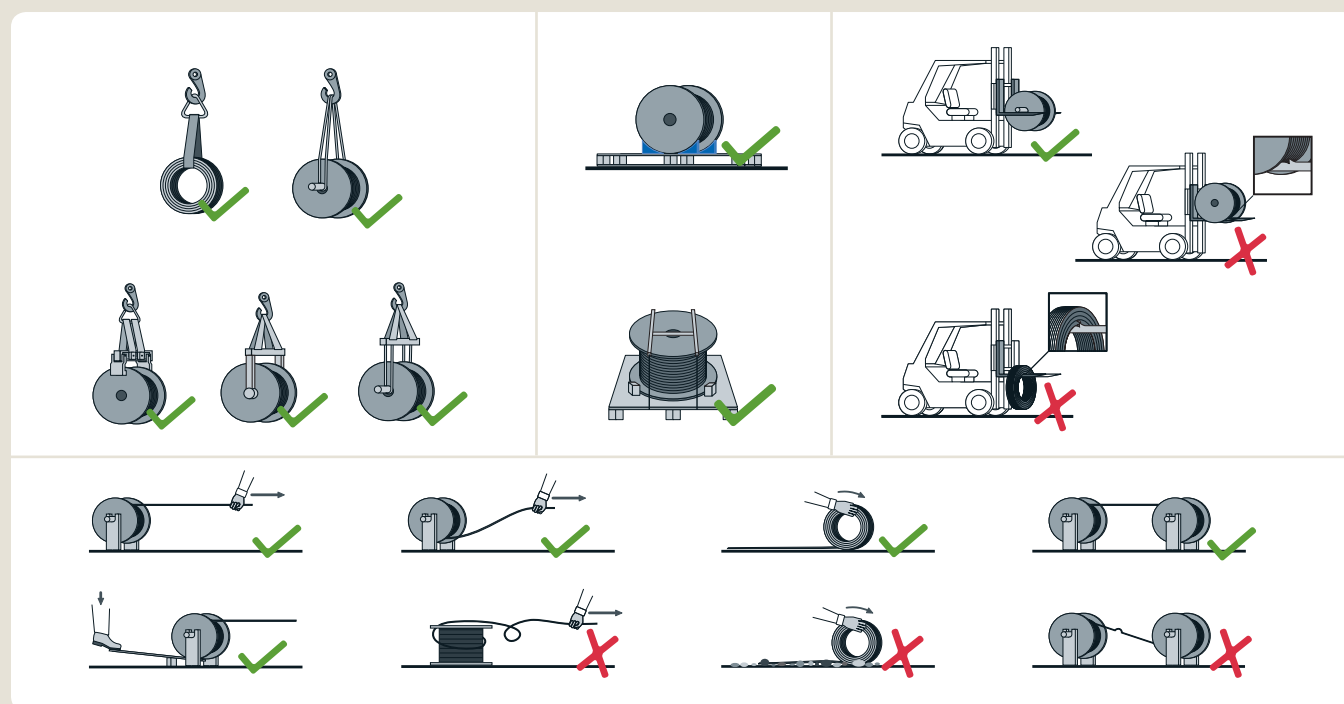
Lubrication	Compaction	High Breaking Resistance	Resistance to Crushing	Bending Fatigue Resistance	Stretch Resistance	Corzal® Wire Coating	Bright Wire	Galvanised Wire Coating	Lang Lay Rope
Extends the life and increases rope performance.	Smoother outer surface with increased strength and reduced wear.	Ropes featuring a high breaking force.	Ropes designed to withstand or resist external forces.	Ropes designed to cope with bending repeatedly under stress.	Thermoplastic sealing of inner core reducing friction.	Corzal® is an eutectic alloy of 95% zinc and 5% aluminium that resists corrosion up to 3 times longer than a pure zinc coating.	Drawn steel, pickled and phosphated and suitable for non corrosive environments.	Zinc coating suitable for corrosive environments.	Increased wear resistance and flexibility.

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.



EWRIS
European Federation of Steel Wire Rope Industries

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High performance Ropeway Ropes for the most demanding environments

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