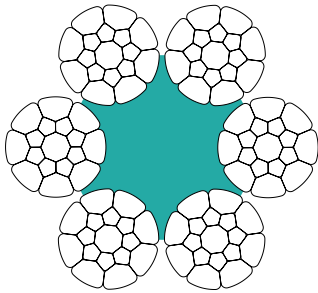


6xK17S-SPC

SLR17 compacted

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



6xK17S-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. SLR17 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
21	206	1.782	334	287	375	323	420	361	441	379
22	227	1.960	367	316	413	355	462	397	485	417
23	248	2.146	402	346	452	389	506	435	531	456
24	271	2.341	439	377	493	424	552	474	579	498
25	294	2.544	477	410	536	461	600	516	629	541
26	319	2.755	516	444	580	499	649	558	681	586
27	344	2.974	558	480	626	539	701	603	736	633
28	371	3.202	600	516	674	580	755	649	792	681
29	398	3.438	645	554	724	623	810	697	850	731
30	426	3.682	690	594	776	667	868	747	911	783
31	455	3.935	738	634	829	713	928	798	973	837
32	486	4.195	787	677	884	760	989	851	1038	892
33	517	4.465	837	720	940	809	1053	905	1104	950
34	549	4.742	889	765	999	859	1118	961	1173	1009
35	582	5.028	943	811	1059	911	1185	1019	1244	1069
36	616	5.322	998	858	1121	964	1255	1079	1316	1132
37	651	5.624	1055	907	1185	1019	1326	1140	1391	1196
38	687	5.934	1113	957	1250	1075	1399	1203	1468	1262
39	724	6.253	1173	1008	1317	1133	1474	1268	1547	1330
40	762	6.580	1234	1061	1386	1192	1551	1334	1628	1400

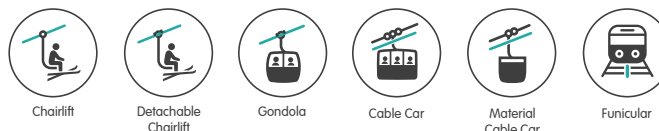
Approximate values

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





SLR17 compacted wire rope properties

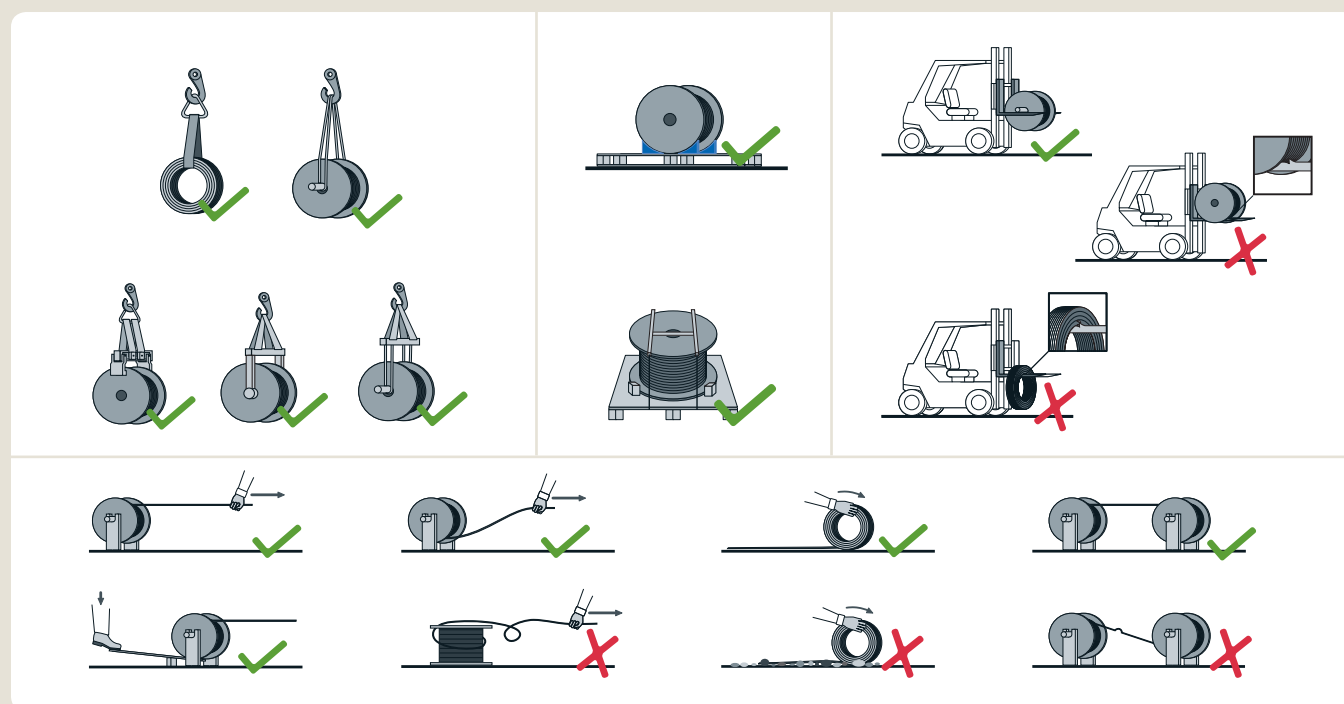
Lubrication	Compaction	High Breaking Resistance	Resistance to Crushing	Bending Fatigue Resistance	Stretch Resistance	Corzal® Wire Coating	Bright Wire	Galvanised Wire Coating	Lang Lay Rope
Extends the life and increases rope performance.	Smoother outer surface with increased strength and reduced wear.	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.



CE
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 European Federation of Steel Wire Rope Industries
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High performance Ropeway Ropes for the most demanding environments

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