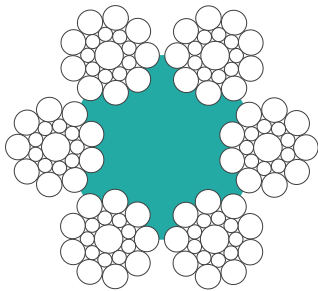


6x19S-SPC

SL19

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



6x19S-SPC is a 6 strand rope with a high breaking load that is designed for chairlifts, gondolas, passenger and material cable cars and tramways. SL19 is a lang lay rope engineered for high resistance to stretching and bending.

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
25	260	2.312	421	368	473	414	529	463	555	486
26	281	2.499	455	398	511	447	572	501	600	525
27	303	2.694	490	429	551	482	617	540	647	566
28	325	2.896	527	461	592	518	663	580	696	609
29	349	3.106	565	495	635	556	711	622	747	653
30	373	3.323	605	529	679	594	760	665	799	699
31	398	3.547	645	565	725	635	812	710	853	747
31.5	411	3.662	666	583	749	655	838	733	881	771
32	424	3.779	688	602	772	676	865	756	909	796
33	451	4.018	731	640	821	719	919	804	967	846
33.5	465	4.140	753	659	846	740	947	829	997	872
34	479	4.264	776	679	872	763	975	853	1027	898
35	507	4.518	822	719	923	808	1033	904	1088	952
36	537	4.779	869	761	977	855	1093	956	1151	1007
36.5	552	4.912	893	782	1004	878	1123	983	1183	1035
37	567	5.048	918	803	1031	902	1154	1010	1216	1064
38	598	5.323	968	847	1088	952	1217	1065	1282	1122
39	629	5.606	1020	892	1145	1002	1282	1122	1351	1182
40	662	5.897	1072	938	1205	1054	1348	1180	1421	1243
40.5	679	6.045	1099	962	1235	1081	1382	1209	1457	1274
41	695	6.195	1126	986	1266	1107	1416	1239	1493	1306
42	730	6.500	1182	1034	1328	1162	1486	1300	1566	1371
42.5	747	6.655	1210	1059	1360	1190	1522	1331	1604	1403

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



Chairlift



Detachable Chairlift



Gondola



Cable Car











Material Cable Car



Funicular

SL19 wire rope properties

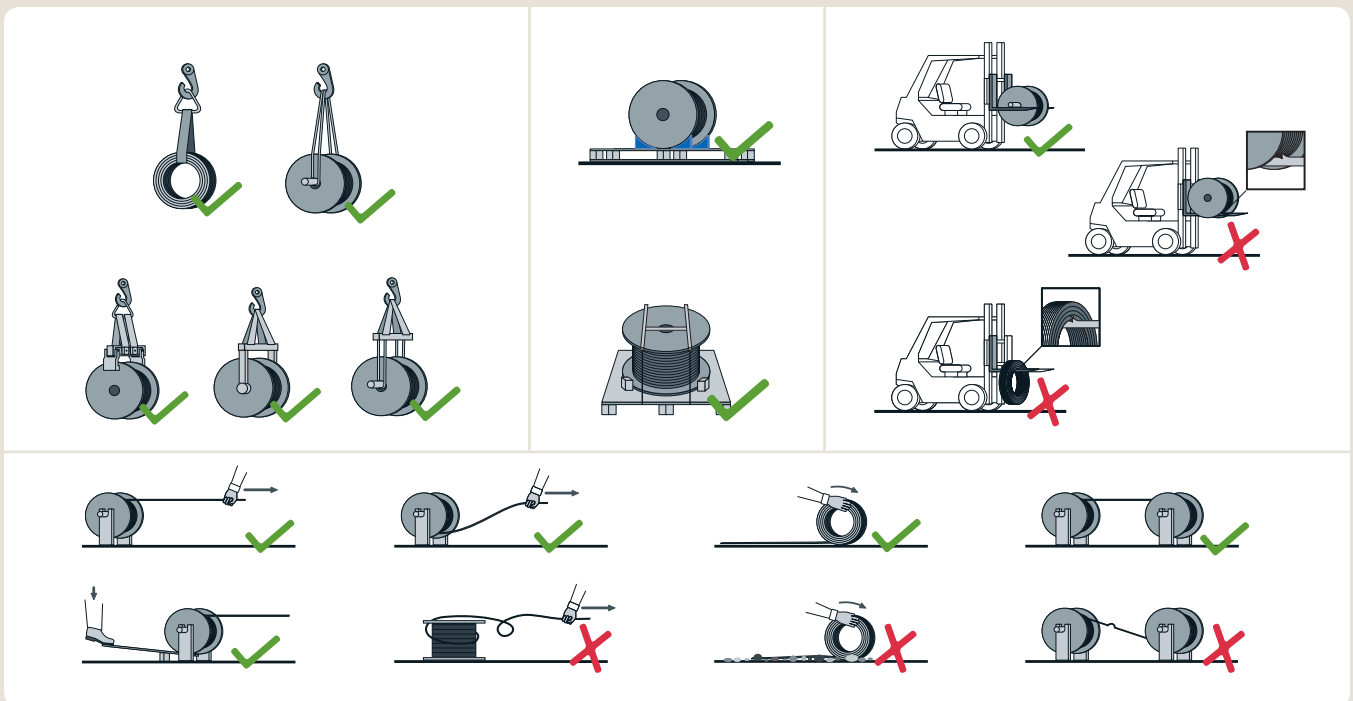
							
Lubrication	High Breaking Resistance	Bending Fatigue Resistance	Stretch Resistance	Corzaf® Wire Coating	Bright Wire	Galvanised Wire Coating	Lang Lay Rope
Extends the life and increases rope performance.	Ropes featuring a high breaking force.	Ropes designed to cope with bending repeatedly under stress.	Thermoplastic sealing of inner core reducing friction.	Corzaf® 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.



All information in this promotional material shall illustrate products and services in a non final way and invite to further technical or commercial explanation; they are not contractual. © ArcelorMittal 2019.

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

ArcelorMittal ROPES, 25 Avenue de Lyon, BP 38, F-01002 Bourg-en-Bresse Cedex
 Telephone: +33 4 74 32 81 79 | Fax: +33 4 74 32 81 05 | Email: ropeway.ropes@arcelormittal.com
www.arcelormittal.com/wireropes

ArcelorMittal ROPES
 ENGINEERING EXCELLENCE