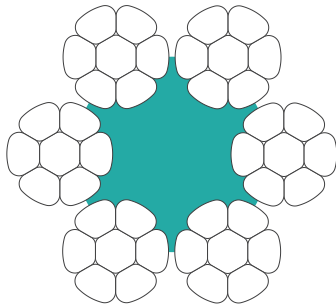


6xK7-SFC

TMR7 compacted

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



6xK7-SFC is a 6 strand compacted rope with an exceptionally high breaking load that is designed for teleskis, chairlifts, passenger and material cable cars and tramways. TMR7 Compacted is a lang lay rope engineered for high resistance to abrasion, stretching, bending and crushing.

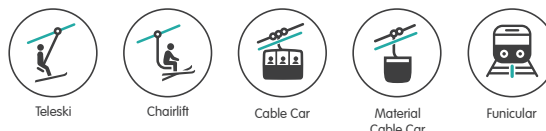
Diameter mm	Section mm ²	Mass kg/m	Minimum breaking load							
			1570 MPa		1770 MPa		1960 MPa		Max MPa	
			Total	MBL	Total	MBL	Total	MBL	Total	MBL
17	135	1.156	219	188	246	212	275	237	287	247
18	151	1.293	245	211	275	237	308	265	321	276
19	168	1.437	272	234	306	263	342	294	357	307
19.5	177	1.512	286	246	322	277	360	310	376	323
20	186	1.589	301	259	338	291	378	325	395	340
21	204	1.749	331	285	372	320	417	358	435	374
22	224	1.917	363	312	408	351	456	393	476	410
23	245	2.092	396	341	445	383	498	429	520	447
24	266	2.275	431	371	484	416	542	466	566	486
25	288	2.466	467	402	525	451	587	505	613	527
26	312	2.665	505	434	567	488	635	546	663	570
27	336	2.872	544	468	611	526	684	588	714	614
28	361	3.087	585	503	657	565	735	632	767	660
29	387	3.309	627	539	704	606	788	678	823	707
30	414	3.539	670	577	753	648	843	725	880	757
31	442	3.777	716	615	804	691	900	774	939	808
32	470	4.023	762	655	856	736	958	824	1000	860
33	500	4.276	810	697	910	783	1019	876	1063	914
34	531	4.537	860	739	966	831	1081	930	1128	970

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





TMR7 compacted wire rope properties

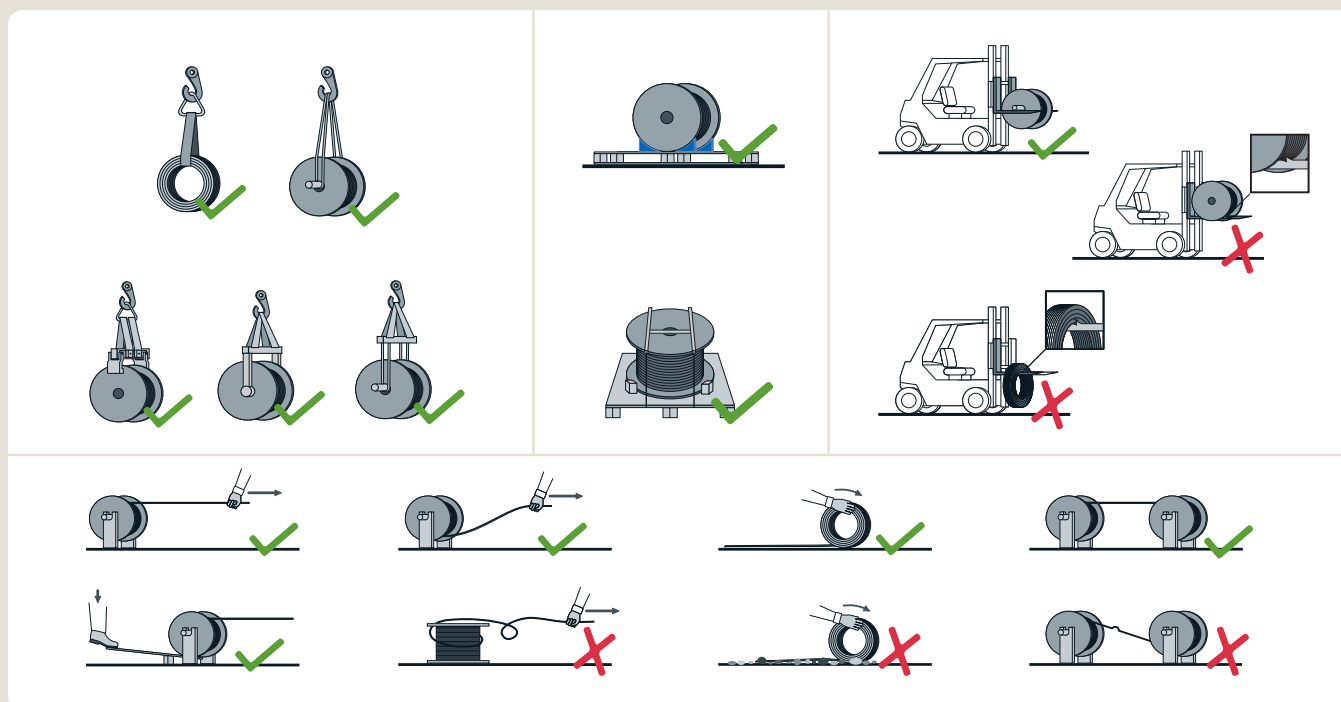
Lubrication	Compaction	High Breaking Resistance	Resistance to Crushing	Bending Fatigue Resistance	Stretch Resistance	Corzal® Wire Coating	Bright Wire	Galvanised Wire Coating	Lang Lay Rope
Extends the life and increases rope performance.	Smoother outer surface with increased strength and reduced wear.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