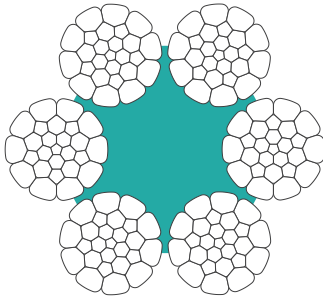


6xK26WS-SPC

WSR26 compacted

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



6xK26WS-SPC is a 6 strand compacted rope with an exceptionally high breaking load that is designed for chairlifts, funitels, gondolas, passenger and material cable cars and tramways. WSR26 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	316	2.742	512	440	575	494	643	553	678	583
27	340	2.954	551	474	619	533	693	596	730	628
28	366	3.175	592	510	666	572	745	641	785	675
29	392	3.403	635	546	714	614	799	687	841	724
30	419	3.640	679	584	763	656	854	735	900	774
31	447	3.884	725	623	814	700	912	784	960	826
32	477	4.137	772	664	867	746	971	835	1023	880
33	507	4.398	821	706	922	793	1032	888	1087	935
34	538	4.666	871	749	978	841	1095	942	1154	992
35	569	4.943	922	793	1036	891	1160	998	1222	1051
36	602	5.228	976	839	1096	943	1227	1055	1292	1111
37	636	5.520	1030	886	1157	995	1295	1114	1365	1174
38	671	5.821	1086	934	1220	1050	1366	1175	1439	1238
39	706	6.130	1144	984	1285	1105	1438	1237	1515	1303
40	743	6.447	1203	1035	1352	1162	1513	1301	1594	1371
40.5	761	6.608	1233	1061	1385	1191	1551	1334	1634	1405
41	780	6.772	1264	1087	1420	1221	1589	1367	1674	1440
42	818	7.104	1326	1140	1489	1281	1667	1434	1756	1510
42.5	838	7.274	1357	1167	1525	1312	1707	1468	1798	1546
43	858	7.445	1389	1195	1561	1342	1747	1502	1841	1583
44	898	7.794	1455	1251	1634	1405	1829	1573	1927	1657
45	939	8.151	1521	1308	1709	1470	1913	1645	2015	1733
46	981	8.516	1589	1367	1785	1535	1998	1719	2105	1811
47	1024	8.889	1659	1427	1864	1603	2086	1794	2197	1890
48	1068	9.270	1730	1488	1943	1671	2175	1871	2292	1971

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





WSR26 compacted wire rope properties

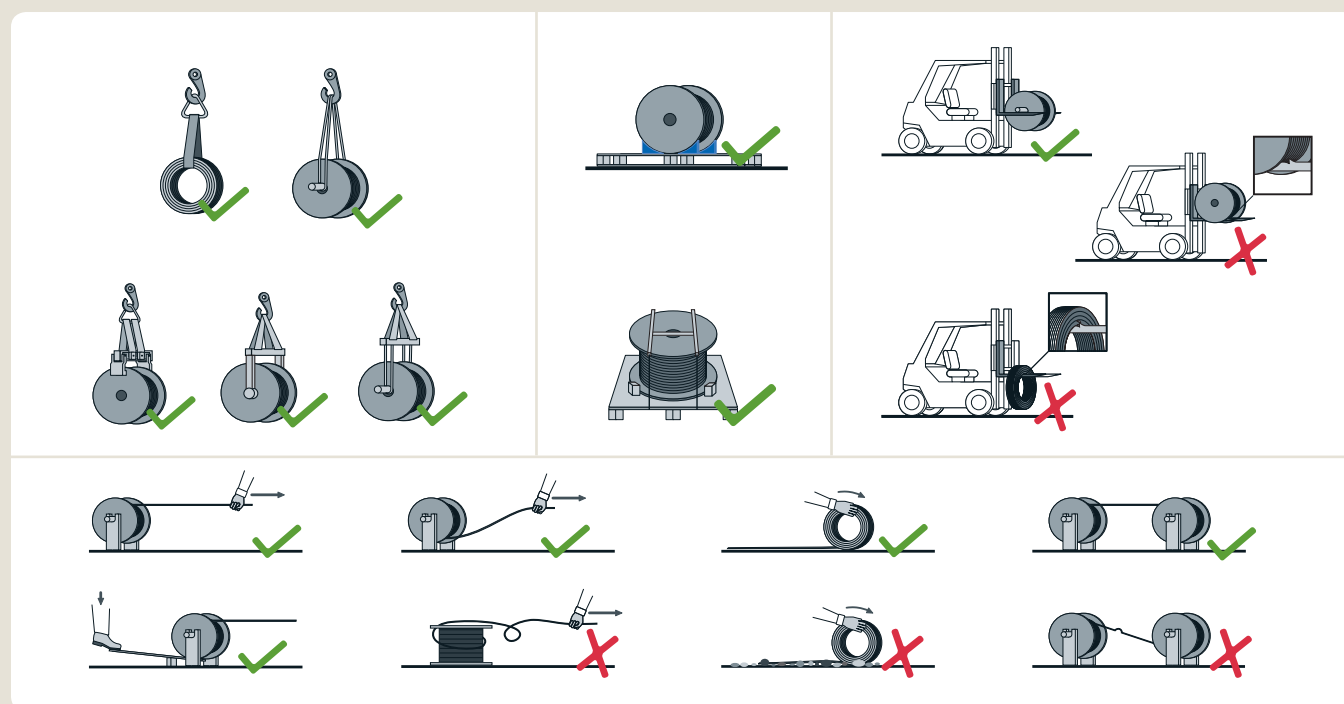
Lubrication	Compaction	High Breaking Resistance	Resistance to Crushing	Bending Fatigue Resistance	Stretch Resistance	Corzal® Wire Coating	Bright Wire	Galvanised Wire Coating	Lang Lay Rope
Extends the life and increases rope performance.	Smoother outer surface with increased strength and reduced wear.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