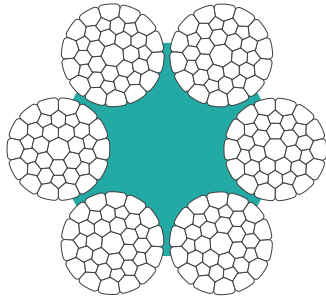


6xK36WS-SPC

WSR36 compacted

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



6xK36WS-SPC is a 6 strand compacted rope with an exceptionally high breaking load that is designed for fixed and detachable chairlifts, funitels, gondolas, passenger and material cable cars and tramways. WSR36 Compacted is a long lay rope engineered for high resistance to stretching, bending and crushing.

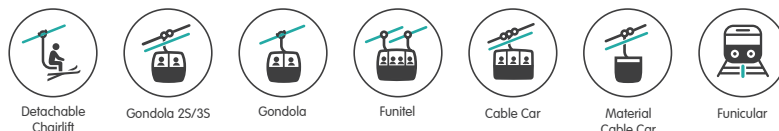
Diameter mm	Section mm ²	Mass kg/m	Minimum breaking load							
			1570 MPa		1770 MPa		1960 MPa		Max MPa	
			Total	MBL	Total	MBL	Total	MBL	Total	MBL
38	668	5.853	1083	931	1217	1046	1362	1171	1443	1241
39	705	6.175	1143	983	1284	1104	1437	1235	1523	1310
40	743	6.505	1204	1035	1352	1163	1513	1302	1604	1380
40.5	762	6.673	1235	1062	1387	1193	1553	1335	1646	1415
41	782	6.844	1266	1089	1423	1223	1592	1369	1688	1451
42	821	7.191	1330	1144	1495	1285	1673	1439	1773	1525
43	862	7.546	1396	1201	1569	1349	1756	1510	1861	1600
44	903	7.909	1464	1259	1644	1414	1840	1583	1950	1677
45	946	8.282	1532	1318	1722	1481	1927	1657	2042	1756
46	989	8.662	1603	1378	1801	1549	2015	1733	2136	1837
47	1034	9.051	1675	1440	1881	1618	2106	1811	2232	1919
48	1079	9.448	1748	1503	1964	1689	2198	1890	2330	2004
49	1125	9.853	1823	1568	2048	1762	2293	1972	2430	2090
50	1173	10.267	1900	1634	2134	1836	2389	2054	2532	2177
50.5	1197	10.477	1939	1667	2178	1873	2438	2096	2584	2222
51	1221	10.689	1978	1701	2222	1911	2487	2139	2636	2267
52	1270	11.120	2058	1770	2312	1988	2587	2225	2742	2358
53	1320	11.559	2139	1839	2403	2067	2689	2313	2850	2451
54	1371	12.006	2222	1911	2496	2146	2793	2402	2960	2546
55	1423	12.462	2306	1983	2591	2228	2900	2494	3073	2643
56	1476	12.925	2392	2057	2687	2311	3007	2586	3187	2741
57	1530	13.398	2479	2132	2785	2395	3117	2681	3304	2841
58	1585	13.879	2568	2209	2885	2481	3229	2777	3422	2943
59	1641	14.368	2659	2286	2987	2569	3343	2875	3543	3047
60	1698	14.865	2751	2366	3090	2658	3459	2975	3665	3152
61	1756	15.371	2844	2446	3195	2748	3576	3076	3790	3259
62	1814	15.885	2939	2528	3302	2840	3696	3179	3917	3368
63	1874	16.407	3036	2611	3411	2933	3818	3283	4046	3479
64	1935	16.938	3134	2696	3521	3028	3941	3389	4177	3592

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





WSR36 compacted wire rope properties

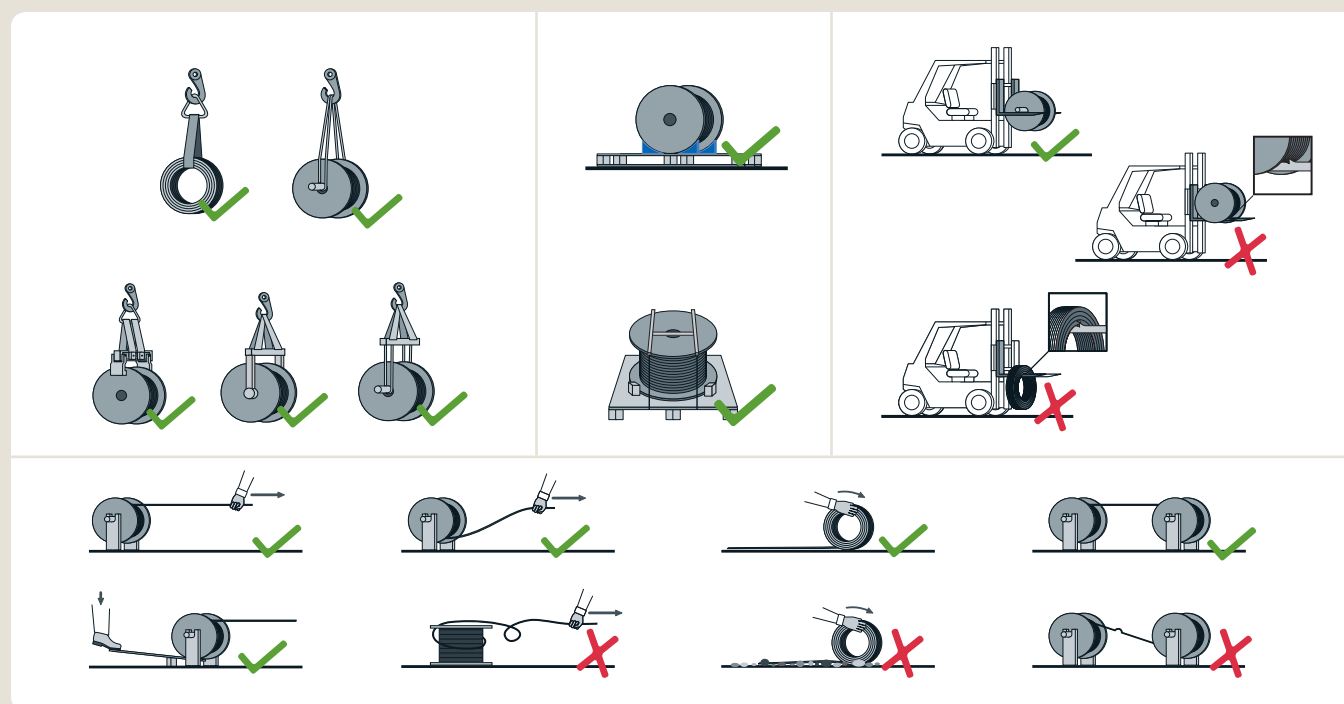
Lubrication	Compaction	High Breaking Resistance	Resistance to Crushing	Bending Fatigue Resistance	Stretch Resistance	Corzal® Wire Coating	Bright Wire	Galvanised Wire Coating	Lang Lay Rope
Extends the life and increases rope performance.	Smoother outer surface with increased strength and reduced wear.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