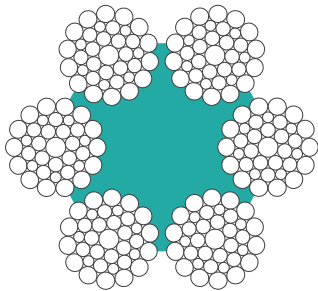


6x36WS-SPC

WS36

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



6x36WS-SPC is a 6 strand rope with a high breaking load that is designed for fixed and detachable chairlifts, funitels, gondolas, passenger and material cable cars and tramways. WS36 is a lang 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
40	678	6.055	1099	961	1234	1080	1382	1209	1464	1281
40.5	695	6.207	1126	986	1265	1107	1416	1239	1501	1313
41	713	6.361	1154	1010	1297	1135	1451	1270	1538	1346
42	748	6.674	1211	1060	1361	1191	1523	1333	1614	1412
42.5	766	6.834	1240	1085	1393	1219	1559	1365	1653	1446
43	784	6.996	1270	1111	1426	1248	1596	1397	1692	1480
44	821	7.324	1329	1163	1493	1307	1671	1462	1771	1550
45	858	7.661	1390	1217	1562	1367	1748	1530	1853	1621
46	897	8.005	1453	1271	1632	1428	1827	1598	1936	1694
47	936	8.356	1517	1327	1704	1491	1907	1669	2021	1768
48	976	8.715	1582	1384	1777	1555	1989	1740	2108	1844
49	1017	9.082	1648	1442	1852	1620	2073	1814	2197	1922
50	1059	9.456	1716	1502	1928	1687	2158	1888	2287	2001
50.5	1081	9.646	1751	1532	1967	1721	2201	1926	2333	2042
51	1102	9.838	1786	1562	2006	1755	2245	1965	2380	2082
52	1146	10.227	1856	1624	2085	1825	2334	2042	2474	2165
53	1190	10.624	1928	1687	2166	1896	2425	2122	2570	2249
54	1236	11.029	2002	1751	2249	1968	2517	2202	2668	2334
55	1282	11.441	2076	1817	2333	2041	2611	2285	2767	2421
56	1329	11.860	2153	1884	2418	2116	2707	2368	2869	2510
57	1377	12.287	2230	1951	2506	2192	2804	2454	2972	2601
58	1425	12.722	2309	2020	2594	2270	2903	2541	3077	2693
59	1475	13.164	2389	2091	2684	2349	3004	2629	3184	2786
60	1525	13.614	2471	2162	2776	2429	3107	2719	3293	2882
61	1577	14.071	2554	2235	2869	2511	3211	2810	3404	2978
62	1629	14.536	2638	2309	2964	2594	3318	2903	3516	3077
63	1682	15.009	2724	2384	3061	2678	3425	2997	3631	3177
64	1735	15.489	2811	2460	3158	2764	3535	3093	3747	3278
65	1790	15.976	2900	2537	3258	2851	3646	3191	3865	3382
66	1846	16.471	2990	2616	3359	2939	3759	3289	3985	3486

Approximate values

Please note: Other diameters with other tolerances than those illustrated can be manufactured on request.

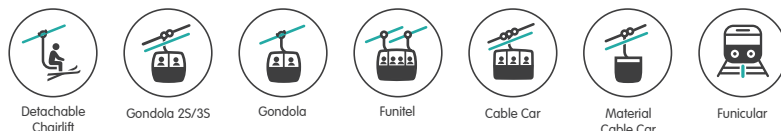
QUALITY

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



WS36 wire rope properties

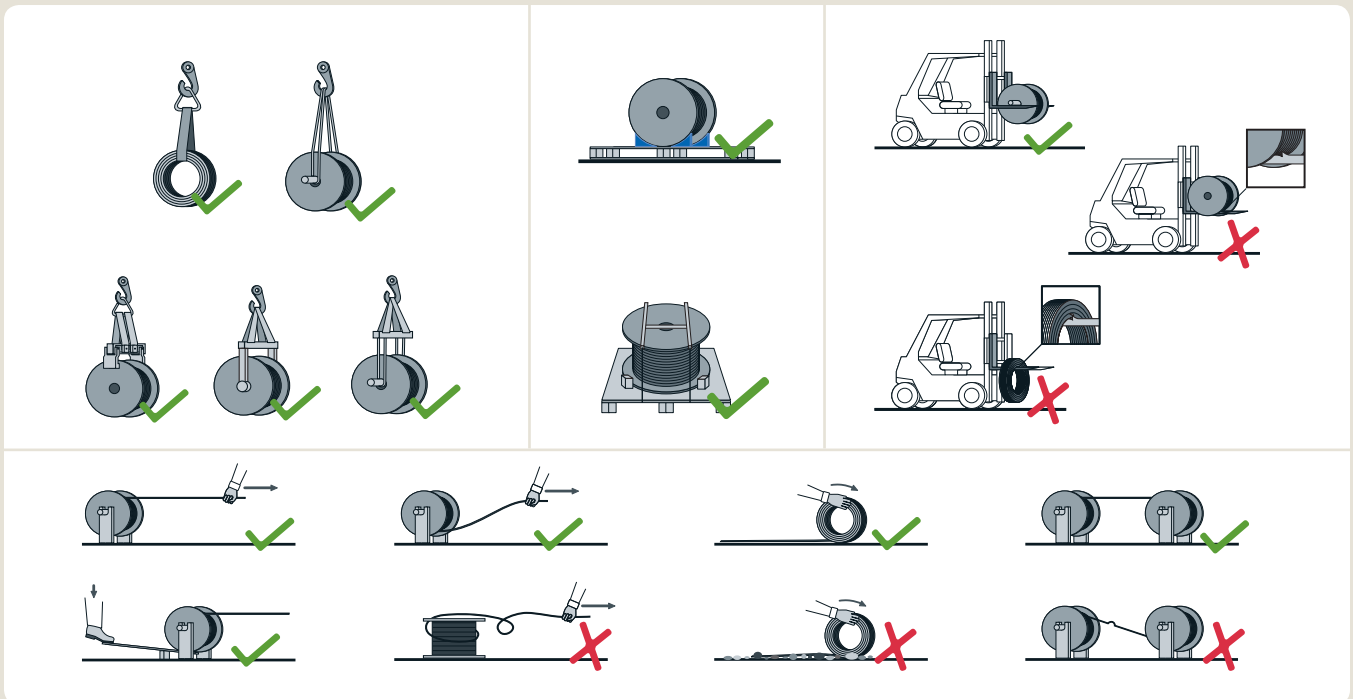
							
Lubrication	High Breaking Resistance	Bending Fatigue Resistance	Stretch Resistance	Corzaf® Wire Coating	Bright Wire	Galvanised Wire Coating	Lang Lay Rope
Extends the life and increases rope performance.	Ropes featuring a high breaking force.	Ropes designed to cope with bending repeatedly under stress.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



EWRIS
European Federation of Steel Wire Rope Industries



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