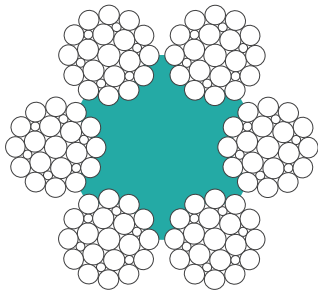


6x25F-SPC

FW25

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



6x25F-SPC is a 6 strand rope with a high breaking load that is designed for chairlifts, funitels, gondolas, passenger and material cable cars and tramways. FW25 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
30	378	3.369	612	536	688	602	770	674	814	712
31	404	3.600	654	572	735	643	823	720	870	761
32	431	3.839	698	610	784	686	877	768	927	812
33	458	4.086	742	650	834	730	933	817	987	864
34	487	4.340	789	690	886	775	991	868	1048	917
35	516	4.601	836	732	939	822	1051	920	1112	973
36	546	4.871	885	774	994	870	1113	974	1177	1029
37	577	5.147	935	818	1051	919	1176	1029	1243	1088
38	609	5.432	987	864	1109	970	1241	1086	1312	1148
39	642	5.724	1040	910	1168	1022	1308	1144	1383	1210
40	676	6.023	1094	958	1229	1076	1376	1204	1455	1273
40.5	693	6.176	1122	982	1261	1103	1411	1235	1492	1305
41	710	6.330	1150	1006	1292	1131	1446	1265	1529	1338
42	745	6.645	1207	1056	1356	1187	1518	1328	1605	1405
42.5	763	6.805	1236	1082	1389	1215	1555	1360	1644	1438
43	781	6.967	1266	1108	1422	1244	1592	1393	1683	1473
44	818	7.297	1326	1160	1489	1303	1667	1459	1763	1542
45	856	7.635	1387	1214	1558	1364	1744	1526	1844	1614
46	895	7.980	1450	1269	1629	1425	1823	1595	1928	1687
47	934	8.332	1514	1325	1701	1488	1904	1666	2013	1761
48	975	8.692	1579	1382	1774	1552	1986	1738	2100	1837
49	1016	9.060	1646	1440	1849	1618	2070	1811	2189	1915
50	1058	9.436	1714	1500	1926	1685	2156	1886	2279	1994
50.5	1080	9.626	1749	1530	1965	1719	2199	1924	2325	2035
51	1101	9.818	1784	1561	2004	1754	2243	1963	2372	2075
52	1145	10.209	1855	1623	2084	1823	2332	2041	2466	2158
53	1190	10.607	1927	1686	2165	1894	2423	2120	2562	2242
54	1235	11.013	2001	1751	2248	1967	2516	2201	2660	2328
55	1281	11.426	2076	1816	2332	2041	2610	2284	2760	2415
56	1329	11.847	2152	1883	2418	2116	2706	2368	2862	2504
57	1377	12.275	2230	1951	2506	2192	2804	2454	2965	2595
58	1426	12.711	2309	2021	2595	2270	2904	2541	3071	2687

Approximate values

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

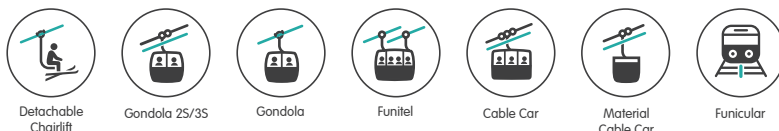
QUALITY

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



FW25 wire rope properties

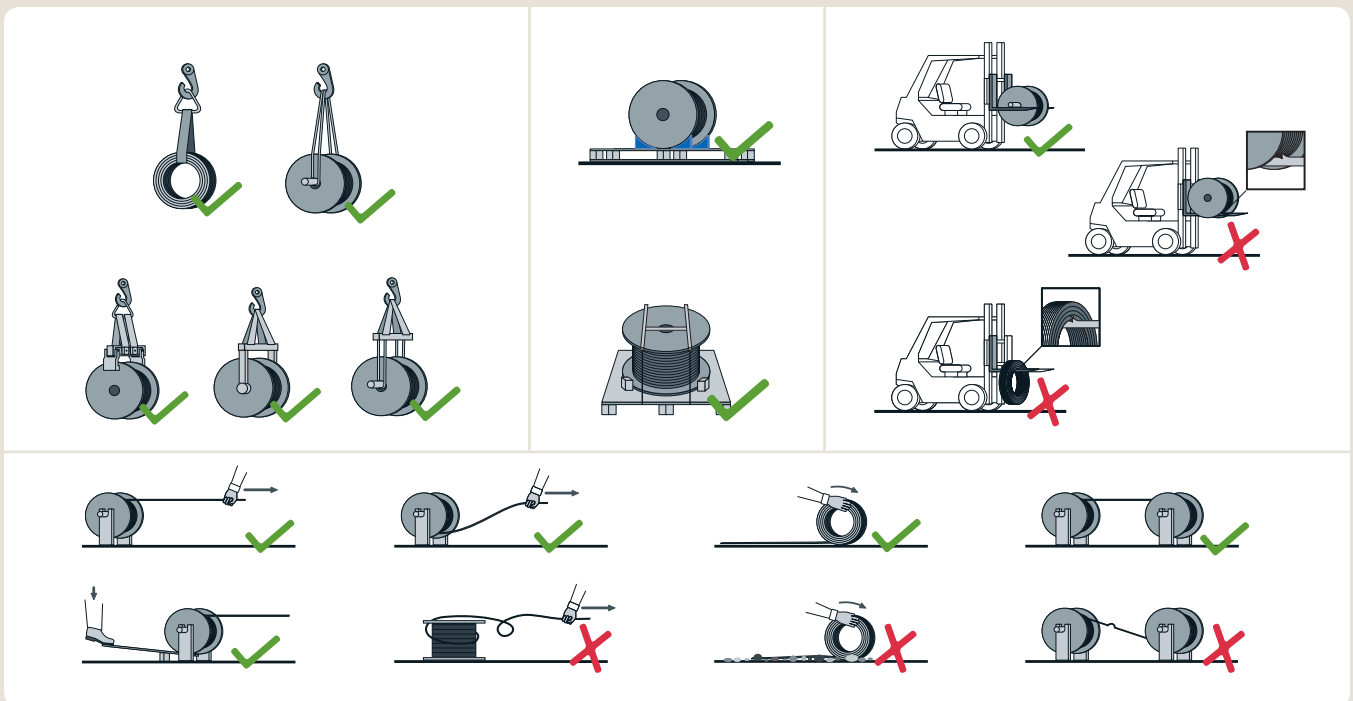
							
Lubrication	High Breaking Resistance	Bending Fatigue Resistance	Stretch Resistance	Corzal® Wire Coating	Bright Wire	Galvanised Wire Coating	Lang Lay Rope
Extends the life and increases rope performance.	Ropes featuring a high breaking force.	Ropes designed to cope with bending repeatedly under stress.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