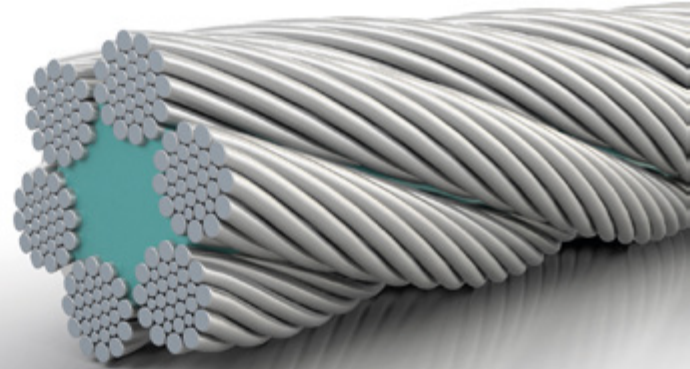
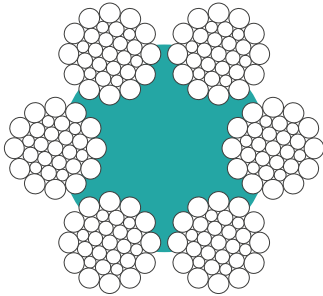


WS31

6x31WS-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. WS31 is a lang lay rope engineered for high resistance to stretching and bending.



Diameter mm	Section mm ²	ØExt-wire mm	Mass kg/m	Minimum breaking load							
				1570 MPa		1770 MPa		1960 MPa		Max MPa	
				Total	MBL	Total	MBL	Total	MBL	Total	MBL
30	387	1.97	3.436	626	548	704	616	788	689	832	728
31	412	2.03	3.662	668	584	750	656	839	734	887	776
32	438	2.10	3.895	710	621	798	698	893	781	944	826
33	465	2.17	4.136	754	660	847	741	948	830	1002	877
34	493	2.23	4.384	799	699	898	786	1005	879	1062	929
35	522	2.30	4.640	846	740	950	832	1064	931	1124	984
36	552	2.35	4.903	894	782	1004	879	1124	983	1188	1039
37	582	2.40	5.174	943	825	1060	927	1186	1038	1253	1097
38	614	2.50	5.452	994	870	1117	977	1250	1093	1321	1156
39	646	2.55	5.737	1046	915	1175	1028	1315	1151	1390	1216
40	679	2.60	6.030	1099	962	1235	1081	1382	1209	1461	1278
40.5	695	2.65	6.179	1126	986	1266	1107	1416	1239	1497	1310
41	712	2.70	6.330	1154	1010	1296	1134	1451	1270	1534	1342
42	747	2.75	6.638	1210	1059	1359	1190	1522	1331	1608	1407
42.5	765	2.75	6.794	1239	1084	1392	1218	1557	1363	1646	1440
43	782	2.80	6.953	1267	1109	1424	1246	1594	1395	1684	1474
44	819	2.85	7.275	1326	1160	1490	1304	1668	1459	1762	1542
45	856	2.95	7.605	1386	1213	1558	1363	1743	1525	1842	1612
46	894	3.00	7.942	1448	1267	1627	1423	1821	1593	1924	1684
47	933	3.05	8.287	1511	1322	1697	1485	1900	1662	2008	1757
48	972	3.15	8.639	1575	1378	1769	1548	1980	1733	2093	1831
49	1013	3.20	8.998	1640	1435	1843	1613	2063	1805	2180	1908
50	1054	3.25	9.365	1707	1494	1918	1678	2147	1878	2269	1985
50.5	1075	3.30	9.551	1741	1524	1956	1712	2189	1916	2314	2025
51	1096	3.30	9.739	1776	1554	1995	1745	2233	1954	2360	2065
52	1139	3.40	10.121	1845	1615	2073	1814	2320	2030	2452	2146
53	1183	3.45	10.510	1916	1677	2153	1884	2409	2108	2546	2228
54	1227	3.50	10.907	1988	1740	2234	1955	2500	2188	2642	2312
55	1273	3.50	11.311	2062	1804	2317	2027	2593	2269	2740	2398
56	1319	3.55	11.722	2137	1870	2401	2101	2687	2351	2840	2485
57	1366	3.65	12.141	2213	1937	2487	2176	2783	2435	2941	2574
58	1414	3.70	12.567	2291	2005	2574	2252	2881	2521	3045	2664

Values are indicative for guidance only

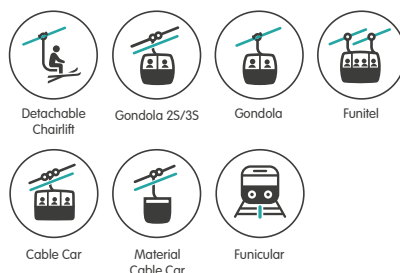
Indicative values. The tolerance value for each table is 0 / + 4% under 10 to 20% of MBL.

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.
You can see a full list of our international standards on page 43.

Applications



Properties

