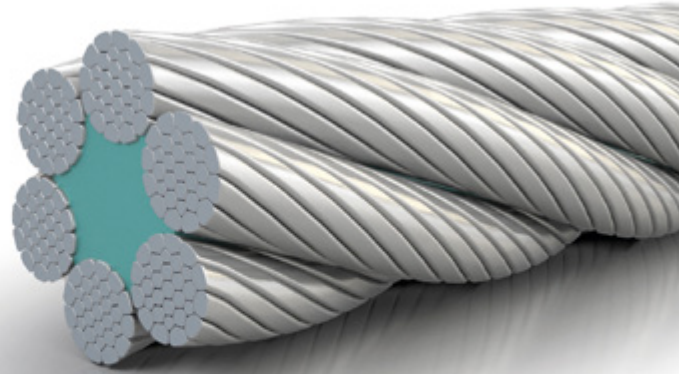
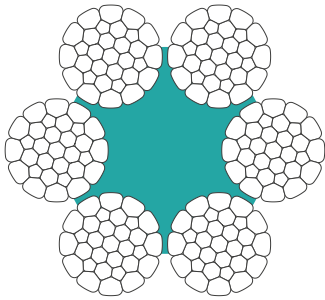


WSR31[®]

6xK31WS-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. WSR31 Compacted is a lang lay rope engineered for high resistance to abrasion, stretching, bending and crushing.



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	408	2,03	3,568	661	568	743	639	831	715	878	755
31	435	2,10	3,808	705	607	793	682	887	763	938	806
32	464	2,17	4,056	751	646	844	726	945	813	999	859
33	493	2,23	4,312	799	687	897	772	1004	864	1062	913
34	523	2,30	4,576	848	729	952	819	1066	917	1127	969
35	554	2,37	4,847	898	772	1009	868	1129	971	1193	1026
36	586	2,45	5,127	950	817	1067	918	1194	1027	1262	1086
37	619	2,50	5,414	1003	863	1127	969	1261	1085	1333	1146
38	653	2,55	5,709	1058	910	1188	1022	1330	1144	1406	1209
39	688	2,65	6,012	1114	958	1251	1076	1401	1205	1480	1273
40	723	2,70	6,323	1171	1007	1316	1132	1473	1267	1557	1339
40,5	741	2,75	6,481	1201	1033	1349	1160	1510	1299	1596	1373
41	760	2,75	6,642	1231	1058	1382	1189	1547	1331	1635	1407
42	797	2,85	6,968	1291	1110	1450	1247	1623	1396	1716	1476
42,5	816	2,85	7,135	1322	1137	1485	1277	1662	1429	1757	1511
43	835	2,90	7,303	1353	1164	1520	1307	1701	1463	1798	1547
44	874	2,95	7,645	1417	1218	1591	1369	1781	1532	1883	1619
45	914	3,05	7,996	1481	1274	1664	1431	1863	1602	1969	1693
46	955	3,10	8,354	1548	1331	1739	1495	1946	1674	2057	1769
47	997	3,15	8,720	1616	1389	1815	1561	2031	1747	2147	1847
48	1040	3,25	9,094	1685	1449	1893	1628	2119	1822	2239	1926
49	1084	3,30	9,475	1756	1510	1972	1696	2208	1898	2333	2007
50	1128	3,35	9,865	1828	1572	2053	1766	2298	1977	2429	2089
50,5	1151	3,40	10,063	1864	1603	2095	1801	2344	2016	2478	2131
51	1174	3,45	10,263	1901	1635	2136	1837	2391	2056	2527	2173
52	1220	3,50	10,668	1977	1700	2221	1910	2485	2137	2627	2259
53	1267	3,55	11,081	2053	1766	2307	1984	2582	2220	2729	2347
54	1316	3,65	11,502	2131	1833	2394	2059	2680	2305	2833	2436
55	1365	3,70	11,931	2211	1901	2484	2136	2780	2391	2938	2527
56	1415	3,75	12,368	2292	1971	2575	2214	2882	2478	3046	2619
57	1465	3,85	12,813	2374	2042	2667	2294	2985	2567	3155	2714
58	1517	3,90	13,265	2458	2114	2761	2375	3091	2658	3267	2810

Values are indicative for reference 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

