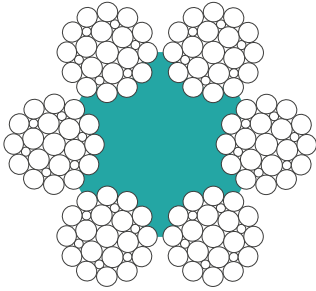


FW25

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	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	378	1.95	3.369	612	536	688	602	770	674	814	712
31	404	2.00	3.600	654	572	735	643	823	720	870	761
32	431	2.07	3.839	698	610	784	686	877	768	927	812
33	458	2.15	4.086	742	650	834	730	933	817	987	864
34	487	2.20	4.340	789	690	886	775	991	868	1048	917
35	516	2.27	4.601	836	732	939	822	1051	920	1112	973
36	546	2.33	4.871	885	774	994	870	1113	974	1177	1029
37	577	2.40	5.147	935	818	1051	919	1176	1029	1243	1088
38	609	2.45	5.432	987	864	1109	970	1241	1086	1312	1148
39	642	2.55	5.724	1040	910	1168	1022	1308	1144	1383	1210
40	676	2.60	6.023	1094	958	1229	1076	1376	1204	1455	1273
40.5	693	2.65	6.176	1122	982	1261	1103	1411	1235	1492	1305
41	710	2.65	6.330	1150	1006	1292	1131	1446	1265	1529	1338
42	745	2.70	6.645	1207	1056	1356	1187	1518	1328	1605	1405
42.5	763	2.75	6.805	1236	1082	1389	1215	1555	1360	1644	1438
43	781	2.80	6.967	1266	1108	1422	1244	1592	1393	1683	1473
44	818	2.85	7.297	1326	1160	1489	1303	1667	1459	1763	1542
45	856	2.90	7.635	1387	1214	1558	1364	1744	1526	1844	1614
46	895	3.00	7.980	1450	1269	1629	1425	1823	1595	1928	1687
47	934	3.05	8.332	1514	1325	1701	1488	1904	1666	2013	1761
48	975	3.10	8.692	1579	1382	1774	1552	1986	1738	2100	1837
49	1016	3.20	9.060	1646	1440	1849	1618	2070	1811	2189	1915
50	1058	3.25	9.436	1714	1500	1926	1685	2156	1886	2279	1994
50.5	1080	3.30	9.626	1749	1530	1965	1719	2199	1924	2325	2035
51	1101	3.30	9.818	1784	1561	2004	1754	2243	1963	2372	2075
52	1145	3.40	10.209	1855	1623	2084	1823	2332	2041	2466	2158
53	1190	3.45	10.607	1927	1686	2165	1894	2423	2120	2562	2242
54	1235	3.50	11.013	2001	1751	2248	1967	2516	2201	2660	2328
55	1281	3.55	11.426	2076	1816	2332	2041	2610	2284	2760	2415
56	1329	3.65	11.847	2152	1883	2418	2116	2706	2368	2862	2504
57	1377	3.70	12.275	2230	1951	2506	2192	2804	2454	2965	2595
58	1426	3.75	12.711	2309	2021	2595	2270	2904	2541	3071	2687

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

