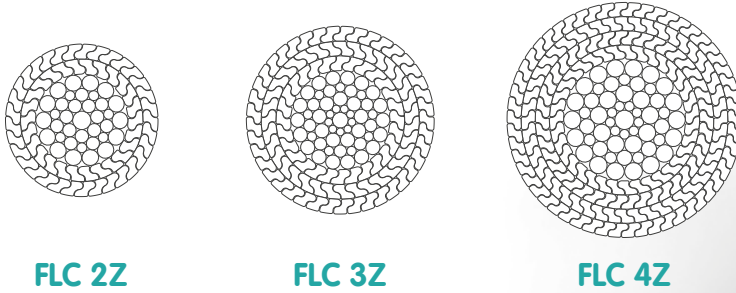


Full Locked Coil

Precision engineered for highly demanding applications

The compacted and densely concentrated metallic cross section of the FLC track rope guarantees a higher breaking load whilst the outer interlocking "Z"-shaped layers give the rope a smoother profile, reducing fatigue caused by the interface between rope and sheaves and rollers.



FLC 2Z

FLC 3Z

FLC 4Z



Features

- ▶ Bespoke design available on request.
- ▶ Parallel core available on request.
- ▶ Sacrificial coating for corrosion resistance.



Diameter mm	Section mm ²	Mass kg/m	Minimum breaking load					
			1570 MPa		1770 MPa		1960 MPa	
			Total	MBL	Total	MBL	Total	MBL
30	609	5,088	987	863	1108	970	1164	1018
32	695	5,806	1125	985	1264	1106	1330	1163
34	785	6,563	1272	1113	1429	1250	1506	1317
36	881	7,357	1426	1248	1603	1402	1692	1480
38	981	8,190	1589	1390	1785	1562	1888	1652
40	1086	9,061	1760	1540	1977	1730	2095	1833
42	1197	9,971	1939	1696	2178	1906	2312	2023
44	1312	10,919	2125	1860	2388	2089	2540	2222
46	1432	11,905	2320	2030	2607	2281	2777	2430
48	1557	12,929	2523	2208	2834	2480	3026	2648
50	1730	14,449	2802	2452	3148	2754	3312	2898
52	1863	15,589	3018	2641	3390	2967	3572	3125
54	2002	16,764	3243	2838	3644	3188	3844	3363
56	2147	17,973	3478	3044	3908	3419	4127	3611
58	2298	19,217	3723	3258	4183	3660	4423	3871
60	2455	20,495	3977	3480	4468	3910	4732	4140
62	2618	21,808	4241	3711	4765	4169	5052	4420
64	2787	23,155	4515	3950	5072	4438	5385	4712
66	3029	25,274	4907	4294	5513	4824	5796	5072
68	3209	26,751	5198	4548	5840	5110	6145	5377
70	3391	28,251	5494	4807	6172	5401	6502	5689
72	3577	29,776	5795	5071	6511	5697	6866	6007
74	3767	31,325	6103	5340	6856	5999	7237	6332

Values are indicative for guidance only

Indicative values. The tolerance value for each table is +/- 2%.

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

Applications



Gondola 2S/3S



Cable Car



Material
Cable Car

Properties



Lubrication



High Breaking
Resistance



Resistance
to Crushing



Bending Fatigue
Resistance



Corzola®
Wire Coating



Bright Wire



Galvanised
Wire Coating



Rotation
Resistance