

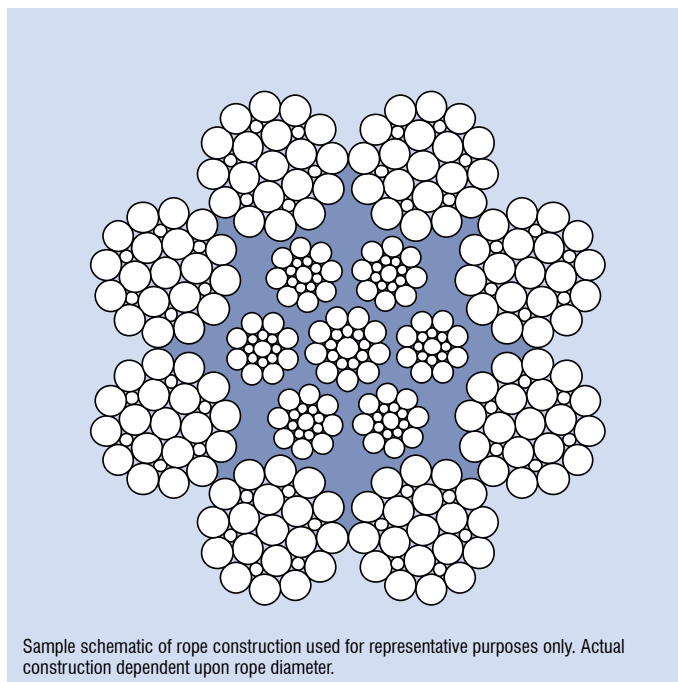
Technical data

Average fill factor	0,6226
average spinning loss factor 1770 N/mm ²	0,845
average spinning loss factor 1960 N/mm ²	0,845
average spinning loss factor 2160 N/mm ²	0,835
Core	plastic coated steel core – therefore increased structural strength
Lay direction	choice of right hand or left hand
Compacting	not compacted
Finish	choice of bright or galvanised
Rope diameter tolerance	0/+4,5%
Standard	According to EN 12385-4

Diameter range	Number of load-bearing wires in the external strands	RCN according to ISO 4309
from 4 – 49	152	06
from 50 – 69	288	13
from 70 – 90	328	13



WARNING: Never use with a swivel – failure to comply may result in serious damages and injuries



Nominal rope Ø	Weight approx.	Minimum breaking force F _{min} 1770	Minimum breaking force F _{min} 1960
mm	kg/100 m	kN	kN
4	7	11,7	13
5	11	18,3	20,2
6	16	26,3	29,2
7	22	35,8	39,7
8	27	43,7	48,6
9	35	56,9	63,3
10	42	68,2	76
11	54	86,3	96,1
12	65	106	118
13	76	122	136
14	85	137	152
15	103	166	184
16	116	187	208
17	130	210	233
18	146	236	262
19	161	260	289
20	178	288	320
21	195	315	351
22	223	361	401
23	241	390	434
24	261	422	469
25	285	462	513
26	307	497	552
27	326	528	587

Other rope diameters and constructions on enquiry.

Please refer to our operating manual stranded ropes! Available at www.pfeifer.info/manual-strand-ropes

Nominal rope Ø	Weight approx.	Minimum breaking force F _{min} 1770	Minimum breaking force F _{min} 1960
mm	kg/100 m	kN	kN
28	358	580	645
29	382	620	689
30	409	663	736
31	434	703	781
32	459	745	827
33	497	806	896
34	528	855	951
35	545	884	982
36	588	953	1058
37	618	1002	1113
38	660	1069	1188
39	691	1120	1244
40	728	1180	1311
41	760	1232	1369
42	806	1307	1452
43	844	1368	1520
44	885	1434	1594
45	911	1481	1640
46	956	1550	1723
47	994	1616	1789
48	1035	1678	1864
49	1080	1756	1944
50	1125	1824	2027
51	1170	1902	2107
52	1203	1951	2168
53	1264	2054	2275
54	1315	2133	2369
55	1361	2212	2450
56	1432	2323	2581
57	1462	2376	2631
58	1531	2482	2758
59	1566	2546	2819
60	1640	2659	2954
61	1674	2722	3013
62	1729	2811	3113
63	1786	2903	3214
64	1843	2996	3317
65	1901	3090	3421
66	1960	3186	3528
67	2019	3283	3635
68	2080	3382	3745
69	2142	3482	3856
70	2204	3584	3968
71	2268	3687	4082

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Nominal rope Ø	Weight approx.	Minimum breaking force F _{min} 1770	Minimum breaking force F _{min} 1960
mm	kg/100 m	kN	kN
72	2332	3792	4198
73	2397	3897	4315
74	2463	4005	4435
75	2531	4114	4555
76	2598	4224	4678
77	2667	4337	4801
78	2737	4450	4927
79	2808	4565	5055
80	2879	4680	5183
81	2952	4799	5313
82	3025	4918	5445
81	3099	5039	5580
84	3174	5160	5715
85	3250	5284	5852
86	3327	5409	5989
87	3405	5536	6130
88	3484	5664	6272
89	3563	5793	6415
90	3644	5924	6560

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