



ROPE

LANKO®FORCE

- 12 strand braided rope. An excellent alternative for heavy steelwire ropes in situations requiring manual handling of the rope. The strength is higher than that of conventional steelwire rope and the corresponding weight is 7 times lower.



Circ. (inches)	Diameter (mm)	Weight (kg/100m)	*MBF (kN)	Weight (lbs/100 ft)	*MBF (lbs)
¾	6	2,3	35	1,5	7 868
1	8	3,9	62	3	13 938
1¼	10	5,9	97	4	21 806
1½	12	9,3	137	6	30 799
1¾	14	10,7	184	7,5	41 365
2	16	14	244	9	54 853
2¼	18	18	303	12	68 117
2½	20	21,5	374	14	84 079
2¾	22	28	450	19	101 164
3	24	33,5	533	23	119 823
3¼	26	37,5	612	25	137 583
3½	28	43,5	701	29	157 591
3¾	30	51,5	789	35	177 374
4	32	59	887	40	199 406
4¼	34	65	991	44	222 786
4½	36	71	1 076	48	241 894
4¾	38	80	1 191	54	267 747
5	40	88,5	1 314	59	295 399
5½	44	109	1 559	73	350 477
6	48	126	1 853	85	416 571
6½	52	149	2 160	100	485 587
7	56	176	2 490	118	559 774
7½	60	202	2 820	136	633 961
8	64	230	3 210	155	721 637
8½	68	259	3 610	174	811 560
9	72	290	4 010	195	901 484
10	80	358	4 510	241	1 013 888
11	88	430	5 320	289	1 195 984
12	96	510	6 230	343	1 400 560
13	104	600	6 800	403	1 528 701
14	112	695	7 810	467	1 755 758
15	120	798	8 870	536	1 994 055
16	128	910	9 970	611	2 241 345
17	136	1 030	11 100	692	2 495 379
18	144	1 150	12 400	773	2 787 631

*MBF refers to the breaking strength in the rope/wire itself, without splices or any other form of termination that can be formed with or without the use of accessories/fittings.

Specific gravity	0,98
UV-resistance	excellent
Abrasion resistance	excellent
Chemical resistance	good
Elongation	see graph
Melting point	approx. 147°C
Construction	12-strand plaited
TCLL value	100%
Colour	yellow
Water absorption	0%
With jacket	- Polyester (R-10) - TIPTO®(R-11) - Dyneema®(R-12)

