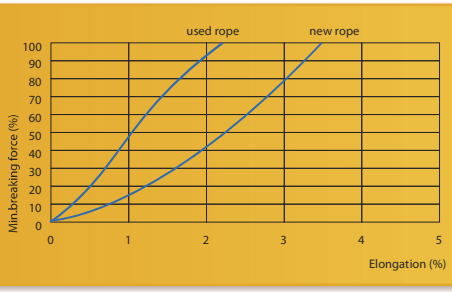
FIBRE ROPES

LANKO®FORCE WITH TIPTO® JACKET

LANKO®FORCE with jacket is produced for applications where heat build-up and heavy abrasion is expected. The presented data is with a TIPTO®jacket. This is a durable jacket with excellent abrasion characteristics and is advised to be used for those applications where the load bearing core members needs to be protected against external heat built up and / or abrasion. This jacket has a specific gravity smaller than 1, which will keep the rope afloat. Applications: mooring, towing, salvage, iceberg towing and lifting.

WITH Dyneema®



SPECIFIC GRAVITY	• 0,97	TCLL VALUE	• 100%
UV-RESISTANCE	• excellent	COLOUR	• yellow
ABRASION RESISTANCE	• very good	WATERABSORPTION	• 0%
CHEMICAL RESISTANCE	• good	MARKER YARN	• bleu
ELONGATION	• see graph	WITH OTHER JACKET	• Polyester (R-10)
MELTING POINT CORE	• approx. 147°C		• Dyneema® (R-12)
MELTING POINT JACKET	• approx. 140°C		
CONSTRUCTION	• 12-strand with jacket		

LANKO®FORCE WITH TIPTO® JACKET can be offered in the variety of each strand over braided individually. All together this gives more protection to the load bearing cores. In the event one or two strands have suffered excessive abrasion during an operation, these can be repaired by putting a seizing over each abraided strand. The rope can return to the job without too much volume added by seizing.

Despite the over braiding of the jacket, the rope is still an eight strand rope. She can be spliced like any other eight strand ropes and can be customized on location if the work requires so.

Art.number	Circ. (inches)	Diameter (mm)	Weight (kg/100m)	MBF (kN)	Weight (lbs/100 ft)	MBF (lbs)
092620	2 1/2	20	21,8	267	15	60.024
092622	2 3/4	22	26,6	332	18	74.637
092624	3	24	30,3	409	20	91.947
092626	3 1/4	26	37,5	492	25	110.606
092628	3 1/2	28	43,6	583	29	131.064
092630	3 3/4	30	50	670	34	150.622
092632	4	32	58,3	767	39	172.428
092634	4 1/4	34	66,7	863	45	194.010
092636	4 1/2	36	74,5	970	50	218.065
092638	4 3/4	38	82	1.084	55	243.693
092640	5	40	95,6	1.177	64	264.600
092642	5 1/4	42	102,5	1.303	69	292.926
092644	5 1/2	44	120,5	1.544	81	347.105
092648	6	48	137,5	1.782	92	400.610
092652	6 1/2	52	162,3	2.141	109	481.316
092656	7	56	186	2.283	125	513.239
092660	7 1/2	60	211,5	2.635	142	592.372
092664	8	64	238	2.983	160	670.605
092668	8 1/2	68	275	3.508	185	788.630
092672	9	72	307	3.938	206	885.298

Diameter, weight and MBF (as well as other mechanical and physical properties) are determined according ISO 2307:2005. The 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.