

# TIPTO®TWELVE



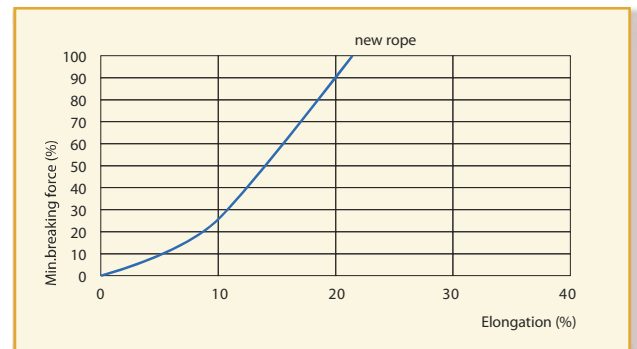
TIPTO®TWELVE, available in the diameter range of 16 mm till 48 mm, is the successor of the well-known TIPTO®EIGHT. The construction is different, the material remains the same. The 12-strand braided construction makes the rope rounder, more stable, more compact and more regular on the surface. This increases the abrasion resistance and the life-time of the rope even more. TIPTO®TWELVE can be used for mooring, using either bollards and/or winches. All TIPTO®TWELVE coils will be fitted with a quality label, stating "Original product of Lankhorst Ropes". TIPTO®TWELVE ropes in the range from 32 mm up to 48 mm have been upgraded with an extra marker yarn. The rope size can now easily (and above all) without mistake be identified.

- Green = 32 mm
- Brown = 36 mm
- Black = 40 mm
- Blue = 44 mm
- White = 48 mm

SPECIFIC GRAVITY	• 0,93	CONSTRUCTION	• 12-strand plaited
UV-RESISTANCE	• very good	TCLL VALUE	• 70,7%
ABRASION RESISTANCE	• very good	COLOUR	• yellow
CHEMICAL RESISTANCE	• good	MARKER YARN	• orange
ELONGATION	• see graph	WATERABSORPTION	• 0%
MELTING POINT	• approx. 140°C		

Art.number	Circ. (inches)	Diameter (mm)	Weight (kg/100m)	MBF (kN)	Weight (lbs/100 ft)	MBF (lbs)
111.516	2	16	12,1	48	8	10.791
111.520	2 1/2	20	18,9	72,8	13	16.366
111.524	3	24	27,3	103	18	23.155
111.528	3 1/2	28	37,3	137	25	30.799
111.532	4	32	53	177	36	39.791
111.536	4 1/2	36	66	222	44	49.908
111.540	5	40	75,6	269	51	60.474
111.544	5 1/2	44	92,4	321	62	72.164
111.548	6	48	109	378	73	84.978

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.



For users of this Lankhorst product it is possible to join our Recycling program. Please consult our sales department for the program conditions.