

BexcoFloat 8 strand

CONSTRUCTION

Plaited ropes of the BEXCOLINE range are well established in marine and off-shore applications, because of their ease in handling and non-rotating behaviour. They are produced on a plaiting machine containing eight reels, each containing one strand, groups of two reels interweave as a pair around the other pairs of reels to produce an eight strands rope of a somewhat square cross section.



MATERIAL PROPERTIES

Bexcofloat is a mixed or composite fibre based on our proprietary BEX- yarn and polyester as a strength member, with excellent fatigue characteristics and abrasion resistance. A special marine finish is applied to further increase the wear resistance in a marine environment. This finish has been tested conform ASTM D6611-00. The rope is floating, has a very high breaking load for a given diameter and has excellent handling characteristics. Wet and dry strength is identical.

FEATURES

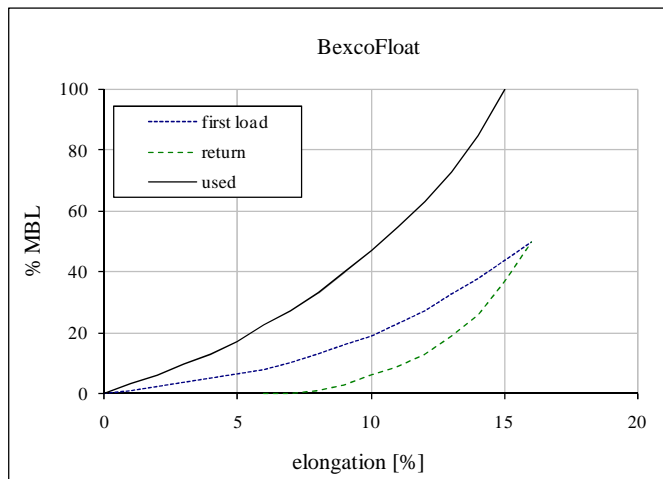
- Material: High tenacity BEX-yarn
High tenacity polyester
- Construction: 8 strand plaited
- Treatment: Marine finish
- Colour of Rope: Light orange plus two blue marker yarns

- Approx. Spec. Density 0,99 floating
- Melting Point: 165° C / 260° C
- Abrasion Resistance: Very good
- U.V.resistance: Good
- Temperature resistance: 70°C max continuous
- Chemical resistance: Good, solvents and strong oxidisers may have a mild effect

- Dry & wet conditions: Wet strength equals dry strength

- Range of use: Fishing, inland shipping, merchant, navy, industry, mooring

Dia mm	Circ. "	Min Break Load		Weight	
		tf	kN	kg/100m	kg/coil
32	4	16,5	162	43,3	95
36	4 1/2	20,8	204	52,9	116
40	5	30,2	296	72,2	159
44	5 1/2	36,5	358	91,5	201
48	6	43,0	422	106	233
52	6 1/2	50,5	495	126	277
56	7	58,0	569	145	319
60	7 1/2	66,0	647	164	361
64	8	75,0	736	188	414
68	8 1/2	84,5	829	213	469
72	9	94,5	927	237	521
76	9 1/2	103	1015	261	574
80	10	116	1137	295	649
88	11	139	1363	352	774
96	12	165	1618	417	917
104	13	193	1893	492	1082
112	14	224	2202	573	1261
120	15	256	2515	658	1448
128	16	291	2859	747	1643
136	17	328	3217	848	1866
144	18	367	3600	946	2081
152	19	408	4001	1057	2325
160	20	451	4428	1171	2576



Coil length: 220m
 Spliced strength: ± 10% lower
 Weight and length tolerance: ± 5%
 Diameter: ± 2%

MBL = Minimum Breaking Load conform ISO 2307
 Other sizes available upon request