

## BexcoFlex 12 strand

### CONSTRUCTION

Braided ropes consist of an equal number of interwoven clockwise and anti-clockwise strands. They are well established where ease in handling and non-rotating behaviour is important. They are produced on a braiding machine containing twelve reels, each containing one strand. The rope is slightly hollow.

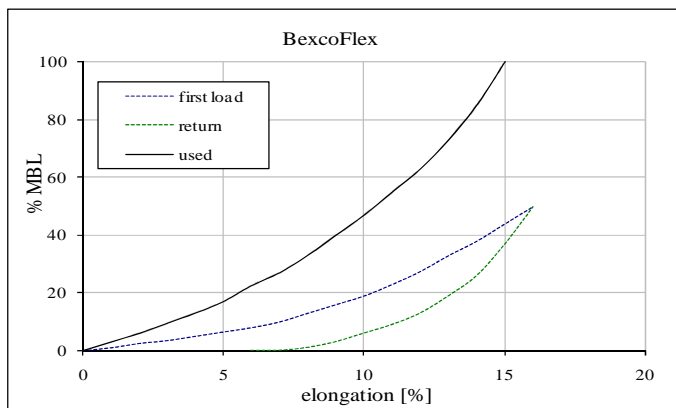


### MATERIAL PROPERTIES

BexcoFlex 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 and is water repellent. The fatigue life is comparable to pure polyester, but the weight for a given strength is comparable to that of nylon, giving the rope excellent handling characteristics. Wet and dry strength is identical.

### FEATURES

- Material: High tenacity BEX-yarn  
High tenacity polyester
- Construction: 12 strand plaited
- Treatment: Marine finish
- Colour of Rope: White plus a red marker yarn
  
- Approx. Spec. Density: 1,1 non 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



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

Dia mm	Circ. "	Min Break Load		Weight	
		tf	kN	kg/100m	kg/coil
12	1 1/2	3,12	30,6	8	17,6
14	1 3/4	4,26	41,8	10,9	24,0
16	2	5,51	54,1	14,1	31,0
18	2 1/4	6,97	68,4	17,8	39,2
20	2 1/2	8,63	84,7	22,1	48,6
22	2 3/4	10,4	102	26,8	59,0
24	3	12,5	122	31,9	70,2
26	3 1/4	14,4	141,5	37,2	81,8
28	3 1/2	16,4	161	43,4	95,5
30	3 3/4	18,6	182	47,1	104
32	4	30,6	300	68,5	151
36	4 1/2	35,2	345	79,5	175
40	5	42,5	417	96,6	213
44	5 1/2	49,1	482	112	247
48	6	55,7	546	128	282
52	6 1/2	64,2	630	149	327
56	7	72,7	713	169	372
60	7 1/2	81,1	796	190	417
64	8	90,3	886	211	465
68	8 1/2	104	1025	246	542
72	9	113	1107	267	587
76	9 1/2	134	1315	315	692
80	10	148	1448	348	765
88	11	175	1719	415	913
96	12	205	2014	489	1076
104	13	235	2308	563	1238
112	14	269	2639	646	1421
120	15	301	2951	725	1594
128	16	339	3330	821	1806
136	17	379	3722	920	2024
144	18	416	4081	1011	2225
152	19	464	4551	1131	2489
160	20	507	4971	1239	2726

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