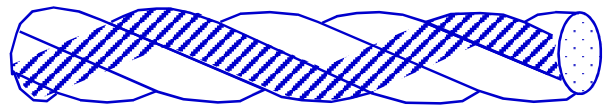


## POLYAMIDE ISO 1140 3 STRAND



### Construction

Three-strand ropes of the POLYAMIDE range are well established in marine and off-shore applications, it is the most traditional design. They are produced on a laying machine, giving a round rope with excellent strength characteristics and bending fatigue.

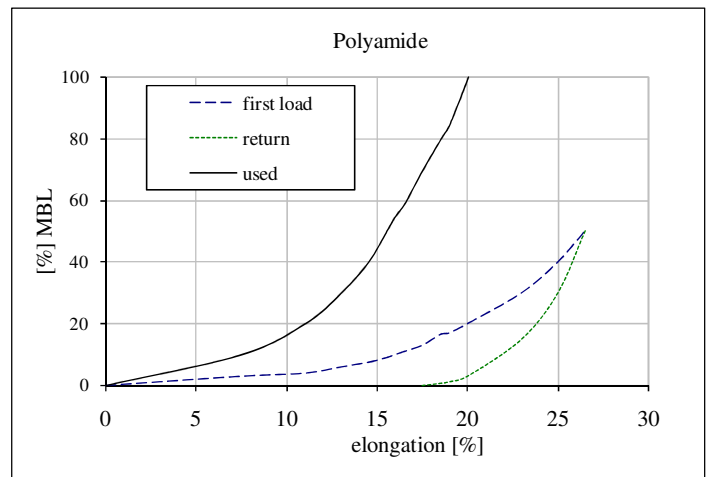
### Material Properties

Nylon was the first synthetic fibre discovered. It is available as a fibre as nylon 6 and nylon 6-6. Both types have virtually identical mechanical properties but nylon 6-6 is thermally more stable. In ropes both types are generally equally suitable. Since nylon was the first fibre discovered it is better established than polyester but the fatigue properties of polyester are better than those of nylon.

### Features

➤	<b>Materials</b>	Standard nylon
➤	<b>Construction</b>	3 strand laid
➤	<b>Treatment</b>	None
➤	<b>Colour of Rope</b>	White
➤	<b>Approx. Spec. Density</b>	1,14 non floating
➤	<b>Melting point</b>	215°C
➤	<b>Abrasion Resistance</b>	Good
➤	<b>U.V. resistance</b>	Good
➤	<b>Temperature resistance</b>	80°C max continuous
➤	<b>Chemical resistance</b>	Reasonable, acids, oxidisers & solvents will affect the material
➤	<b>Dry &amp; wet conditions</b>	Wet strength about 10% lower than dry strength
➤	<b>Range of use</b>	Towing, ship mooring, ideal for shock loading
➤	<b>Coil length</b>	220m
➤	<b>Spliced strength</b>	± 10% lower
➤	<b>Diameter</b>	± 2%
➤	<b>Weight and length tolerance</b>	± 5%

Dia mm	Circ. "	Min. Break Load		Weight	
		tf	kN	kg/100m	per coil
6	3/4	0,75	7,35	2,25	5,0
8	1	1,35	13,2	4,00	8,8
10	1 1/4	2,08	20,4	6,20	13,6
12	1 1/2	3,00	29,4	8,90	19,6
14	1 3/4	4,10	40,2	12,2	26,8
16	2	5,30	52,0	15,8	34,8
18	2 1/4	6,70	65,7	20,0	44,0
20	2 1/2	8,30	81,4	24,5	53,9
22	2 3/4	10,0	98,0	30,0	66,0
24	3	12,0	118	35,5	78,1
26	3 1/4	14,0	137	42,0	92,4
28	3 1/2	15,8	155	48,5	107
30	3 3/4	17,7	174	55,5	122
32	4	20,0	196	63,0	139
36	4 1/2	24,9	244	80,0	176



MBL = **M**inimum **B**reaking Load conform ISO 2307

Other sizes available upon request

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