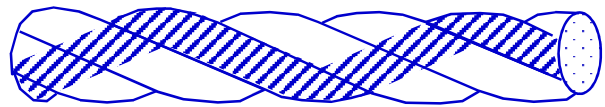


POLYESTER ISO 1141 3 STRAND



Construction

Three-strand ropes of the POLYESTER 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.

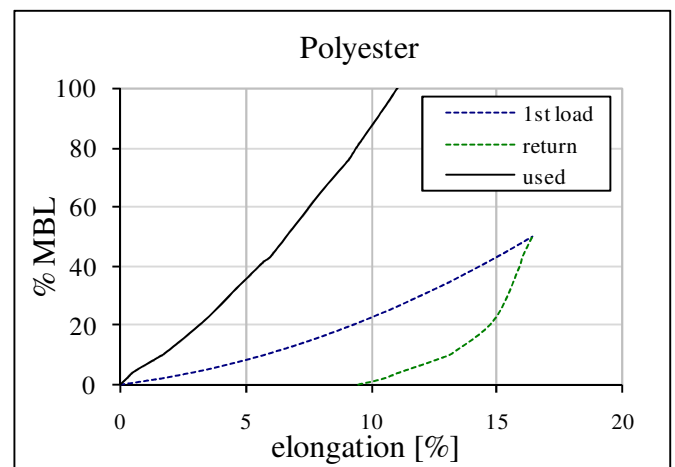
Material Properties

Polyester is a particularly reliable fibre with mechanical properties quite close to those of nylon. The abrasion resistance of polyester is better than that of nylon and so is the tension-tension fatigue performance. Since the cost of both fibres are quite similar to polyester should generally be preferred. In favour of nylon is its lower density (1,14 vs 1,38) and higher energy absorption.

Features

➤	Material	Standard polyester
➤	Construction	3 strand laid
➤	Treatment	None
➤	Colour of Rope	White (Others on request)
➤	Approx. Spec. Density	1,38 non floating
➤	Melting point	260°C
➤	Abrasion Resistance	Good
➤	U.V. resistance	Good
➤	Temperature resistance	120°C max continuous
➤	Chemical resistance	Good, bases and solvents 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
6	3/4	0,56	5,54	2,70	5,94
8	1	1,02	10,0	4,80	10,6
10	1 1/4	1,59	15,6	7,60	16,7
12	1 1/2	2,27	22,3	11,0	24,2
14	1 3/4	3,18	31,2	14,8	32,6
16	2	4,06	39,8	19,5	42,9
18	2 1/4	5,08	49,8	24,5	53,9
20	2 1/2	6,35	62,3	30,3	66,7
22	2 3/4	7,61	74,7	36,7	80,7
24	3	9,13	89,6	43,7	96,1
26	3 1/4	10,7	105	51,2	113
28	3 1/2	12,2	120	59,4	131
30	3 3/4	13,7	134	68,2	150
32	4	15,7	154	77,8	171
36	4 1/2	19,4	190	98,2	216



MBL = **M**inimum **B**reaking **L**oad conform ISO 2307

Other sizes available upon request

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