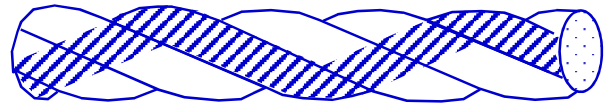


PP ISO 1346



Construction

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

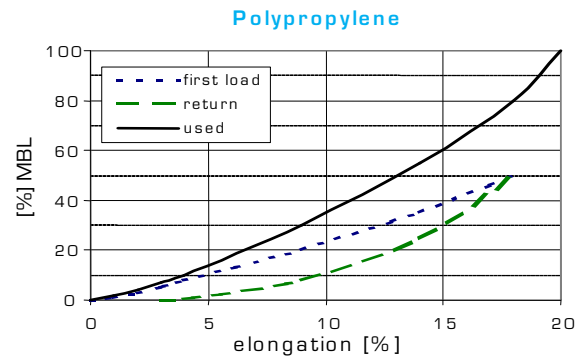
Material Properties

For rope polypropylene is most often produced as split film. This means a film is extruded and is split using knives before drawing. The strength is obtained in this drawing process. Other fibres are mostly produced as multi-filament. Polypropylene is chemically inert, has a low density (it floats), but has a somewhat lower melting point and lower strength.

Features

➤	Material	Standard polypropylene
➤	Construction	3 strand laid
➤	Treatment	None
➤	Colour of Rope	Diverse
➤	Approx. Spec. Density	0,91 floating
➤	Melting point	165°C
➤	Abrasion Resistance	Low
➤	U.V. resistance	Low
➤	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
6	3/4	0,60	5,90	1,70	3,74
8	1	1,06	10,4	3,00	6,60
10	1 1/4	1,56	15,3	4,50	9,90
12	1 1/2	2,21	21,7	6,50	14,3
14	1 3/4	3,05	29,9	9,00	19,8
16	2	3,78	37,0	11,5	25,3
18	2 1/4	4,80	47,0	14,8	32,6
20	2 1/2	5,81	56,9	18,0	39,6
22	2 3/4	6,96	68,2	22,0	48,4
24	3	8,13	79,7	26,0	57,2
26	3 1/4	9,41	92,2	30,5	67,1
28	3 1/2	10,7	105	36,0	79,2
30	3 3/4	12,2	120	41,3	90,9
32	4	13,5	132	46,0	101
36	4 1/2	16,9	166	59,5	131



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

Other sizes available upon request

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