



Made from high strength monofilament fiber, Oliveira Polysteel ropes are smaller, lighter and easier to handle than conventional polypropylene ropes.

Using carefully selected raw materials, and manufactured in-house using the latest extrusion methods, Polysteel eight strand ropes can be used for mooring vessels, as well as towing vessels and barges at short distances.

Polysteel rope does not absorb water, making it easy to handle under all weather conditions, especially freezing conditions. The rope's sturdy eight strand construction is ideal for storage on a winch drum.

Polysteel elongation at a given load factor, as a percentage of the minimum breaking force of the rope:

MBF	Elongation
20%	5%
30%	8%
40%	10%
50%	12%

Characteristics

Melting point:
145° - 165°C

Specific gravity:
0,91

Abrasion Resistance:
good

Elongation at break:
approximately 17%



Article No.	Size No.	Diameter mm	Weight Kg/100 mtr	MBF mtons	MBF kN	Weight lbs/100 ft	MBF Lbs
122031	4	32	46	18,4	180	31	40.538
122034	4,5	36	58,5	23,2	227	39	51.113
122039	5	40	72	28,2	276	48	62.128
122044	5,5	44	88	33,4	327	59	73.584
122049	6	48	104	39,1	383	70	86.142
122051	6,5	52	122	45,4	445	82	100.022
122055	7	56	142	51,9	509	95	114.342
122059	7,5	60	163	59,5	583	110	131.086
122063	8	64	185	67,3	660	124	148.270
122073	9	72	234	84,2	825	157	185.503
122081	10	80	290	103	1.009	195	226.922
122087	11	88	351	124	1.215	236	273.188
122095	12	96	417	146	1.431	280	321.657
123103	13	104	490	167	1.637	329	367.922
123111	14	112	570	194	1.901	383	427.407
123119	15	120	650	222	2.176	437	489.094
123127	16	128	740	251	2.460	497	552.985
123135	17	136	840	282	2.764	564	621.282
123143	18	144	940	314	3.077	632	691.782

The Oliveira ropes are produced in the Oliveira factory in Paredes, Portugal, in accordance with ISO 2307:2005. The breaking forces indicated are referring to the strength in the ropes itself, without efficiency losses due to splicing or other end terminations.