

MOORING ROPE SIZE GUIDE

The following table gives a guide to the size of ropes recommended for your mooring lines.

What kind of rope shall I use? This will depend on the place where you usually berth your boat.

If the berthing place is open to some swell and is usual that the boat surges forward and aft, you need a more elastic mooring rope, that can absorb shock loading, and avoid damaging deck cleats/fittings. If the berth is on a river or a calm place, the elasticity is not so important, the focus should be the strength.

In terms of fibers characteristics, the Nylon is a more elastic fiber, than the polyester, but has a slightly inferior abrasive resistant qualities. In our range, we use Nylon on the core of the Mooring Alpha, to have an extra elasticity, but uses with a Polyester cover, to improve chafe resistance. This should be the best option for a place with more swell.

Construction is also very important. The 3-strand construction, like the Superior PES have less elasticity, than a double braid Mooring Alpha or Dockline Alpha, but more chafe resistance. For this purpose, we advise to use always an extra heavy protection sleeve, or leather, on the double braid Mooring and Dockline Alpha ropes. Without them, the durability of the lines, can be compromise very quickly

You should never use Polypropylene for mooring lines because they degrade very rapidly with UV light and can then break very easily. Also, you should never use old Halyards as mooring lines, because the nature of their initial job as Halyards was to stretch as little as possible, so, if old Halyards are then used as mooring lines, there is a very good chance of shock loading deck cleats / Fittings as the boat surges at it's berth.

Mooring rope size guide					
Boat Length	Superior PES	Mooring Alpha	Dockline Alpha	Dockline Master	Dockline Planet
Sports boat	10mm	8mm	8mm	8mm	8mm
6m	10mm	10mm	10mm	10mm	10mm
8m	12/14mm	12mm	12mm	12mm	12mm
10m	16mm	14mm	14mm	14mm	14mm
12m	18mm	16mm	16mm	16mm	16mm
14m	20mm	18mm	18mm	18mm	18mm
16m	22mm	20mm	20mm	20mm	20mm
18m	24mm	22mm	24mm	24mm	24mm
+ specs	Stiff	Soft	Soft	Soft	Soft
	Abrasion	Elasticity	Abrasion	Wax finishing	Eco frendly
	Durability	Breaking Load	Breaking Load	Breaking Load	Breaking Load