

Mooring tails

Tails or pennants will provide additional elasticity to wire and high modulus mooring lines and reduce the dynamic loads induced in the mooring line by allowing the ship to respond more freely to various combinations of wind, wave and current, as well as to ships passing nearby.

Tails will also distribute the loadings more evenly among the various mooring lines.

According to MEG4 the Tail Design Break Force (TDBF) should be 125%-130% of the ship design MBL.

Tails are generally connected to mooring lines either through the use of mechanical connecting devices (i.e. mooring links and mooring shackles with steel wire ropes) or directly with the use of a cow hitch (with HMPE ropes).



PRODUCTS SPECIFICATIONS

Fibers	High tenacity polypropylene with outer yarns altering with polyester		
Construction	8 strand braided rope	Melting point	165 C
Specific gravity	0,99 (floating)	UV resistance	Excellent
Elongation	18-20%	Abrasion resistance	Excellent

Diameter (mm)	Lenght* (mtr)	Weight (kg)	LDBF (From) (t)	LDBF (Till) (t)	LDBF (From) (kN)	LDBF (Till) (kN)
60	11	37	59,5	72,1	584	707
64	11	42	72,2	82,5	708	809
68	11	48	82,6	91,9	810	901
72	11	54	92,0	113,1	902	1110
76	11	60	113,2	125,3	1111	1229
80	11	65	125,4	155,0	1229	1520
88	11	95	163,8	198,4	1606	1945

*11 mtr is our standard length, other lengths available on request, other diameters are available on request