

C08 / C12

Combination Fiber Mooring Line

The rope is made of high-strength polyester and superpoly material with perfect proportion and twist. This product fully combines the advantages of the two materials and has a higher cost performance. Its high breaking strength and wear resistance are equivalent to 100% polyester fiber, but its weight is reduced by 20% concurrently, the rope is round and solid, with smooth surface and easy operation, which is a more efficient rope.



Blend of polyester and polypropylene,
higher cost performance



20% less weight than all
polyester rope, floating



Low elongation, easy to handle



Firm, but also flexible



Technical Information



1.2
SPECIFIC GRAVITY



1×8 / 1×12
CONSTRUCTION



414°F (212°C)
MELTING POINT



300°F (149°C)
CRITICAL TEMP



9.7%
ELONGATION
AT 30% BREAK



3%-5%
WATER
ABSORPTION



Diameter	Weight		Minimum Breaking Strength		Minimum Strength ISO Unspliced Rope	
	C08	C12	C08	C12	C08	C12
inch	lbs/100ft	lbs/100ft	lbs	lbs	lbs	lbs
1 5/8	70.0	70.0	88,800	97,600	98,700	108,400
1 3/4	80.0	80.0	102,400	117,600	113,800	130,700
2	94.0	99.0	121,000	139,400	134,400	154,900
2 1/8	105.0	110.0	137,600	158,700	152,900	176,300
2 1/4	123.0	130.0	157,800	176,900	175,300	196,500
2 1/2	138.0	140.0	177,800	196,900	197,500	218,800
2 5/8	156.0	167.0	200,000	226,500	222,200	251,700
2 3/4	173.0	180.0	222,200	246,300	246,900	273,700
3	190.0	210.0	244,000	291,900	271,100	324,300
3 1/8	214.0	235.0	272,300	322,600	302,500	358,400
3 1/4	255.0	280.0	322,400	381,400	358,200	423,800
3 5/8	300.0	330.0	379,000	446,800	421,100	496,400
4	352.0	375.0	432,000	512,100	480,000	569,000

Diameter, weight and MBS are determined in accordance with ISO 2307:2010.
Custom size and length available by request.



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