

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
STRUCTURE

509°F (265°C)
MELTING POINT

329°F (165°C)
CRITICAL TEMP

18%
ELONGATION AT BREAK

0
WATER ABSORPTION

Diameter		Weight				Minimum Breaking Strength ISO Unspliced Rope			
inch	mm	C08		C12		C08		C12	
		lbs/100ft	kg/100m	lbs/100ft	kg/100m	lbs	kg	lbs	kg
1 5/8	40	60.0	90.0	70.0	104.0	94,200	42,800	98,800	44,900
1 3/4	44	80.0	120.0	80.0	120.0	113,800	51,700	130,700	59,400
2	48	94.0	140.0	94.0	140.0	134,400	61,100	154,900	70,400
2 1/8	52	105.0	157.0	110.0	170.0	152,900	69,600	176,300	80,100
2 1/4	56	123.0	183.0	130.0	190.0	175,300	79,700	196,500	89,400
2 1/2	60	141.0	210.0	140.0	210.0	197,500	89,800	218,800	99,500
2 5/8	64	156.0	232.0	160.0	250.0	222,200	101,000	251,700	114,400
2 3/4	68	173.0	258.0	180.0	270.0	246,900	112,200	273,700	124,500
3	72	190.0	283.0	210.0	310.0	271,100	123,200	324,300	147,400
3 1/8	76	214.0	319.0	230.0	350.0	302,500	137,500	358,400	163,000
3 1/4	80	255.0	380.0	280.0	410.0	358,200	162,800	423,800	192,700
3 5/8	88	300.0	447.0	330.0	490.0	421,100	191,400	496,400	225,700
4	96	352.0	525.0	380.0	560.0	480,000	218,200	617,400	280,700

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

