

COMMERCIAL FISHING



Island Ropes Ltd. has partnered with one of Europe's leading manufacturers of rope for the commercial fishing and trawling industry. Through a long heritage of supplying rope to some of the largest fishing fleets in the Baltic, The North Sea and the North Atlantic, the product range is widely accepted as one of high quality and cost-effectiveness.

Through innovation of design and by incorporating the latest high-performance fibres the

product is popular with fishing fleets and commercial net manufacturers. Other commercial ropes for the fishing industry include head ropes, trawl lines and purse seine lines as well as vessel mooring lines.

By working closely with one of Europe's Dyneema rope producers, Island Ropes are able to offer an extremely strong yet light product to reduce drag, helping fuel costs up to 40% whilst making the boats easier to handle.

Diameter	12-stand Dyneema Standard*	12-stand HMPE Standard*	Double Braid Polyester cover/HMPE core	Double Braid Polyester	3-strand Nylon	3-strand Polyester	3-strand Polypropylene
Elongation at break	3%	3%	3.8%	7-17%	18-24%	10-17%	13-17%
Floats	Yes	Yes	No	No	No	No	Yes
Melting Point	140°C	140°C	140°C	265°C	215°C	260°C	170°C
6mm	3,610 kgs	3,000 kgs	2,804 kgs	1,350 kgs	1,010 kgs	775 kgs	286 kgs
8mm	6,332 kgs	5,000 kgs	4,282 kgs	2,050 kgs	1,754 kgs	1,336 kgs	612 kgs
10mm	9,035 kgs	8,000 kgs	5,842 kgs	3,250 kgs	2,702 kgs	2,060 kgs	1,020 kgs
11mm	10,600 kgs	10,600 kgs	6,699 kgs	n/a	n/a	n/a	n/a
12mm	13,542 kgs	12,100 kgs	8,524 kgs	4,700 kgs	3,834 kgs	2,927 kgs	2,162 kgs
14mm	18,977 kgs	14,200 kgs	11,420 kgs	6,350 kgs	5,099 kgs	3,936 kgs	2,855 kgs
16mm	21,700 kgs	23,900 kgs	14,989 kgs	7,800 kgs	6,608 kgs	5,068 kgs	3,824 kgs
18mm	27,532 kgs	31,400 kgs	18,762 kgs	9,500 kgs	8,188 kgs	6,353 kgs	4,589 kgs
20mm	34,956 kgs	41,000 kgs	n/a	12,500 kgs	10,095 kgs	7,770 kgs	5,710 kgs
22mm	40,789 kgs	44,400 kgs	n/a	n/a	11,982 kgs	9,310 kgs	6,832 kgs
24mm	49,517 kgs	48,700 kgs	30,683 kgs	15,400 kgs	14,276 kgs	10,972 kgs	8,158 kgs
26mm	54,045 kgs	59,200 kgs	36,679 kgs	14,378 kgs	16,438 kgs	12,869 kgs	9,177 kgs
28mm	65,435 kgs	73,826 kgs	39,973 kgs	16,621 kgs	18,987 kgs	14,786 kgs	10,809 kgs
30mm	71,829 kgs	80,862 kgs	46,173 kgs	18,966 kgs	21,536 kgs	16,825 kgs	12,033 kgs
32mm	74,103 kgs	88,306 kgs	52,566 kgs	21,414 kgs	24,473 kgs	19,120 kgs	13,460 kgs
34mm	84,065 kgs	n/a	n/a	n/a	n/a	n/a	n/a
36mm	94,038 kgs	101,970 kgs	61,754 kgs	26,920 kgs	30,591 kgs	23,963 kgs	17,335 kgs
38mm	104,521 kgs	n/a	n/a	n/a	n/a	n/a	n/a
40mm	107,682 kgs	120,000 kgs	70,544 kgs	33,038 kgs	37,475 kgs	29,317 kgs	24,065 kgs
44mm	136,397 kgs	133,756 kgs	79,344 kgs	39,666 kgs	n/a	n/a	n/a
46mm	151,601 kgs	n/a	n/a	n/a	n/a	n/a	n/a
48mm	157,444 kgs	154,444 kgs	85,442 kgs	46,906 kgs	n/a	n/a	n/a
52mm	186,945 kgs	n/a	129,912 kgs	54,758 kgs	n/a	n/a	n/a
56mm	218,107 kgs	n/a	151,938 kgs	63,018 kgs	n/a	n/a	n/a
60mm	252,094 kgs	n/a	174,881 kgs	72,093 kgs	n/a	n/a	n/a
64mm	286,092 kgs	n/a	n/a	81,577 kgs	n/a	n/a	n/a
72mm	355,198 kgs	n/a	235,758 kgs	101,972 kgs	n/a	n/a	n/a

*Other HMPE and Dyneema specifications available with increased breaking loads