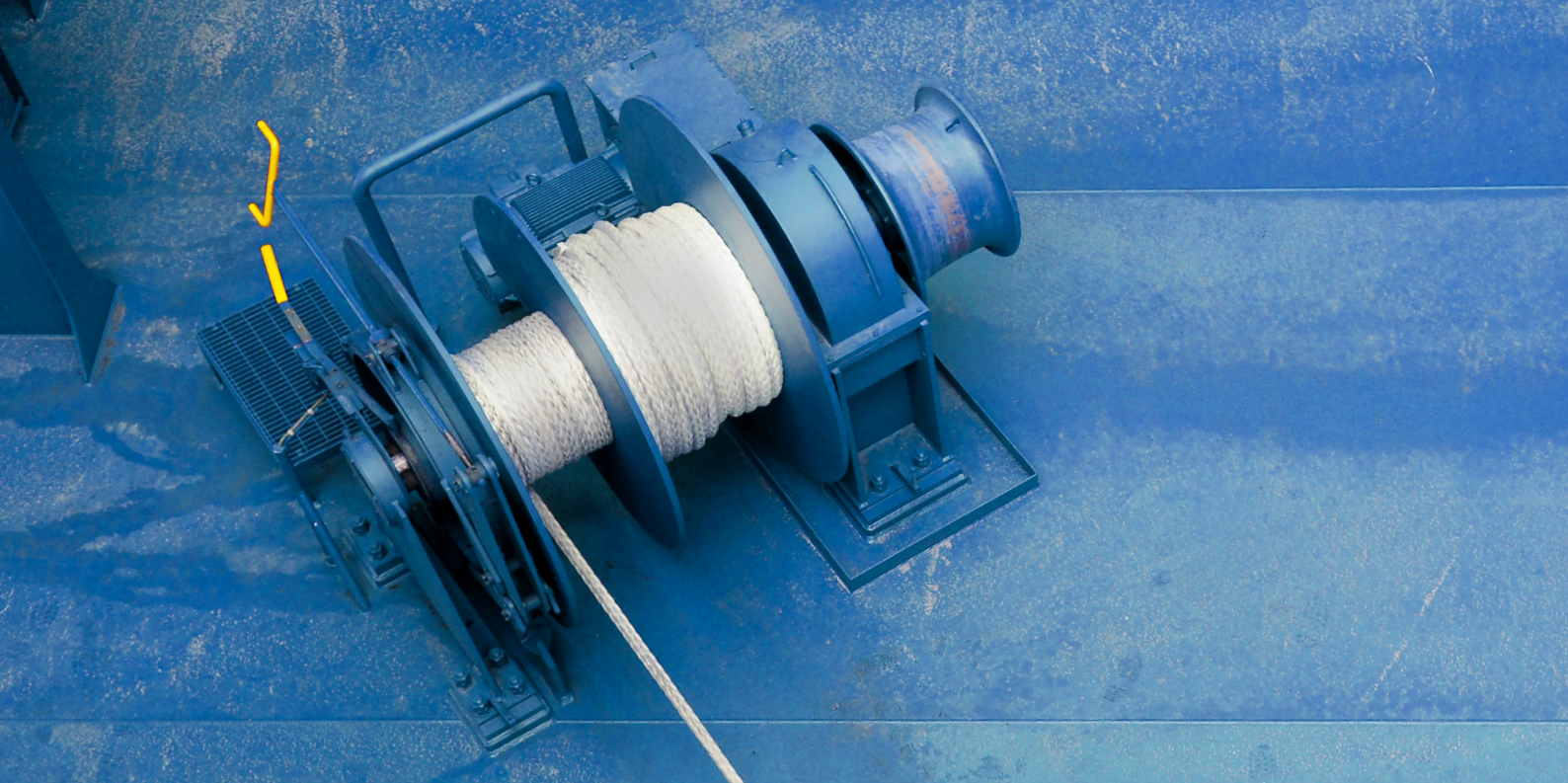




SUPERIOR LINE

SUPERIOR 12 WITH DYNEEMA® FIBER

Combines small diameters with high breaking strengths, the lightest rope with the highest breaking strengths.

GENERAL

- 12-strand braided ropes made of Dyneema® fibers
- Commonly known as HMPE : High Modulus PolyEthylene
- Superior abrasion resistance
- Very high strength and low weight to diameter ratio
- Easy in handling and operation
- Comparable to steel wire characteristics

FEATURES

- **Material:** Ultra – High Molecular Weight Polyethylene (Dyneema® SK78)
- **Construction:** 12-strand braided
- **Treatment:** Marine finish
- **Color of Rope:** dia < 32mm: grey – dia > 32mm: white
- **Approx. Spec. Density:** 0,975 floating
- **Melting Point:** 145° C
- **Abrasion Resistance:** Excellent
- **U.V. Resistance:** Good
- **Temperature Resistance:** 70°C max continuous
- **Chemical Resistance:** Excellent
- **Dry & Wet Conditions:** Wet strength equals dry strength

SECTORS

Passenger ships Container ships Bulk carriers
 LNG and LPG carriers Barges Dredgers
 Tugs (harbor towing) Fishing vessels (nets)

APPLICATIONS Towing Mooring Other

ROPES WITH DYNEEMA® FIBER (12strand)					
Dia	Circ.	Dia	Min. Break Load		Weight
mm	"	"	tf	kN	kg/100m
6	3/4	1/4	7.6	74.6	3.8
8	1	5/16	10.1	99.1	5.0
10	1 1/4	7/16	14.2	139.3	7.4
12	1 1/2	1/2	18.5	181.5	9.6
14	1 3/4	9/16	24.6	241	12.8
16	2	5/8	30.7	301	16.0
18	2 1/4	3/4	36.9	362	19.3
20	2 1/2	13/16	43.1	423	22.5
22	2 3/4	7/8	49.5	486	26.7
24	3	1	60.7	595	33.1
26	3 1/4	1 1/16	66.5	652	36.4
28	3 1/2	1 1/8	75.4	740	41.8
30	3 3/4	1 1/4	85.4	838	47.6
32	4	1 5/16	105	1029	60.2
34	4 1/4	1 3/8	114	1120	67.3
36	4 1/2	1 1/2	123	1211	74.3
40	5	1 5/8	148	1447	89.9
44	5 1/2	1 3/4	171	1680	107
48	6	2	199	1953	126
52	6 1/2	2 1/8	226	2219	146
56	7	2 1/4	259	2538	167
60	7 1/2	2 1/2	289	2831	190
64	8	2 5/8	320	3139	215
68	8 1/2	2 3/4	354	3470	241
72	9	3	388	3806	268
76	9 1/2	3 1/8	427	4188	297
80	10	3 1/4	499	4896	360
88	11	3 5/8	576	5650	428
96	12	4	645	6325	502
104	13	4 1/4	740	7263	582
112	14	4 5/8	838	8220	668
120	15	5	941	9231	760
128	16	5 1/4	1050	1029	858
136	17	5 7/8	1164	11417	962
144	18	6	1283	12590	1072





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B E X C O

OUR ROPE, YOUR SOLUTION