



# SUPERIOR LINE

## SUPERIOR 8 WITH DYNEEMA® FIBER

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

### GENERAL

- 8-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:** 8-strand braided
- **Treatment:** Marine finish
- **Color of Rope:** dia < 32mm: grey – dia > 32mm: white
- **Approx. Spec. Density:** 0,975 coating
- **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 (8strand)					
Dia	Circ.	Dia	Min. Break Load		Weight
mm	"	"	tf	kN	kg/100m
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
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	10297	858
136	17	5 1/2	1164	11417	962
144	18	6	1283	12590	1072



