



Acera™ Barentz is a unique 12-strand rope, with a core of Acera™ yarns with less twist for maximum strength. Each strand is protected by a tight 24 braided cover, to ensure each individual strand has maximum protection from wear and abrasion in rugged conditions. This construction results in an evenly round shaped rope.

This special construction provides significantly increased safety properties, as the covers act as snap-back/recoil arrestors. In combination with the low elongation on HMPE fibers, there is minimal risk of potentially damaging backlash if a mooring line breaks.

Acera™ Barentz is made from Acera™ genuine HMPE yarns, which are individually coated through a rotating 360° Lick-roller process. This cumbersome single yarn coating process demonstrates the uncompromising commitment to the quality standards of Acera™. Single yarn coating is proven to significantly enhance internal and external abrasion resistance, and extend service life and strength.

Optional HT polyester cover available.

Acera™ Barentz with Acera™ cover will float; while the polyester cover will make it sink.

SUITABLE



Fishery



Lifting



Mooring



Offshore



Towing

PRODUCT FEATURES

Construction	12-strand-individually braided covers
Fiber	Acera HMPE - optional PES cover
Specific gravity	0,973 (floating)
Colours	Natural
UV resistance	Excellent
Abbrasion resistance	Excellent
Acid resistance	Excellent
Alkali resistance	Excellent
Most chemicals resistance	Excellent
Water resistance	Excellent (0% absorption)
Heat resistance	Low (145-150 melting)
Elongation	Low (2-3% at break)
Colours polyester cover	White
Colours Acera cover	Yellow
Fiber toxicity	Biologically inert, IARC classified 3
Weathering ISO 12224	Excellent
Coating toxicity	Water based, solvent free, REACH approved

KEY BENEFITS

- Increased safety (snap-back arrestor)
- High strength-to-weight
- Available in high diameters
- Extra long durability
- Excellent abrasion resistance
- Reduced external damage and particle ingress
- Easy to splice and repair
- Easy to inspect
- Extremely good on winches, bits and capstans

CERTIFICATE



diameter DIA. (mm)	MBL spliced (t)	MBL spliced (kN)	MBL unspliced (t)	MBL unspliced (kN)	diameter DIA. (inch)	MBL spliced (lbs)	MBL unspliced (lbs)
20	34.7	340	38.7	380	13/16"	76.884	85.427
22	41.3	405	45.9	450	7/8"	91.047	101.164
24	47.9	470	53	520	1"	105.210	116.900
26	55.1	540	61.2	600	1,1/16"	121.397	134.885
28	62.7	615	69.9	685	C	138.594	153.994
30	71.4	700	79	775	1,1/4"	156.804	174.227
32	79.5	780	88.2	865	1,5/16"	175.013	194.459
34	88.7	870	98.4	965	1,3/8"	195.246	216.940
36	98.4	965	109.1	1070	1,1/2"	216.490	240.545
38	108.1	1060	119.8	1175	1,9/16"	237.735	264.150
40	117.8	1155	131	1285	1,5/8"	259.991	288.879
44	140.2	1375	155.5	1525	1,3/4"	308.550	342.833
48	163.2	1600	181	1775	2"	359.131	399.035
52	187.6	1840	208.5	2045	2,1/8"	413.760	459.733
56	213.6	2095	237.6	2330	2,1/4"	471.423	523.804
60	241.7	2370	268.7	2635	2,1/2"	533.133	592.370
64	270.7	2655	300.8	2950	2,5/8"	596.866	663.185
68	301.3	2955	335	3285	2,3/4"	664.646	738.496
72	333.4	3270	370.7	3635	3"	735.461	817.179
76	367.1	3600	407.9	4000	3,1/8"	809.310	899.234
80	401.8	3940	446.1	4375	3,1/4"	885.183	983.537
82	419.7	4116	466.3	4573	3,3/8"	925.236	1.028.040
88	475.2	4660	528.2	5180	3,5/8"	1.048.048	1.164.498
92	514.3	5044	571.5	5604	3,3/4"	1.133.834	1.259.816
96	554.2	5435	615.9	6040	4"	1.222.048	1.357.831