



Acera™ Amundsen SBA is a DNV GL type approved 12-strand high performance rope made from genuine Acera™ HMPE yarns, which is individually coated through a rotating 360° Lick-roller process.

The technology behind this innovative solution lies in the energy absorption properties of the SBA core of the rope. If the load bearing construction breaks, the SBA will absorb the snap back forces, resulting in a reduction of snap back. With safety measures like Timm Acera™ Amundsen 12 SBA, you can mitigate risks to personnel during any operations, creating a safer mooring environment. Timm Acera™ Amundsen SBA is a HMPE rope solution, using the same material composition as our best-selling premium Timm Acera™ Amundsen combined with Timm Snap Back Arrestor for improved safety when mooring, tugging, fishing.

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.

12 strand ropes are regarded as the best rope construction, and has become the most common construction for HMPE ropes. Acera™ Amundsen is the alternative to the cumbersome steel wire ropes. It is stronger and safer, with significantly less snap-back/recoil. The corresponding weight is therefore 7 times lower. When replacing conventional fiber ropes, the reduction in diameter leads to significant savings in weight (60%), space and handling. This reduces the total time required for mooring operations and fuel consumption.

SUITABLE



Fishery



Mooring



Towing

PRODUCT FEATURES

Construction	12-strand plaited core
Fiber	Acera HMPE
Specific gravity	0,97 (floating)
Colours	Platinum, Yellow, Blue
UV resistance	Excelent
Abbrasion resistance	Excelent
Acid resistance	Excelent
Alkali resistance	Excelent
Most chemicals resistance	Excelent
Water resistance	Excellent (0% absorption)
Heat resistance	Low (145-150 melting)
Elongation	Low (2-3% at break)

KEY BENEFITS

- Reduction of snap back
- Safer operations
- Easy to splice
- Easy to inspect
- Well balanced; 6 left and 6 right strands
- Outsized surface contact - better abrasion resistance
- No rotation under load
- Single yarn coating, extended service life

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)
16	23.5	230	26	255	5/8"	51.594	57.326
18	29.1	285	32.1	315	3/4"	63.733	70.815
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	1.1/8"	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
96	554.2	5435	615.9	6040	4"	1.222.048	1.357.831
100	596	5845	662.3	6495	4.1/16"	1.314.106	1.460.118
102	617.1	6052	685.7	6724	4.1/8"	1.360.439	1.511.599
104	638.9	6265	709.7	6960	4.1/4"	1.408.188	1.564.653
108	682.7	6695	758.7	7440	4.1/2"	1.505.304	1.672.560
110	705.1	6915	783.7	7685	4.9/16"	1.554.874	1.727.638
112	728.1	7140	811	7953	4.5/8"	1.609.097	1.787.886
116	774.3	7595	860.6	8440	4.3/4"	1.707.630	1.897.367
120	822.4	8065	913.7	8960	5"	1.812.840	2.014.266