

ACERA AMUNDSEN SBA

The safest HMPE mooring rope on the market, Acera Amundsen SBA reduces dangerous snap backs by utilizing the Timm Snap Back Arrestor (SBA) technology. This high performance rope is made from genuine Acera HMPE yarns, offering superior strength to weight ratio and abrasion resistance.



Product information

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. 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 with SBA includes the feature of reducing the risk of snap back.

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™ SBA, you can mitigate risks to personnel during mooring operations, creating a safer mooring environment.

Acera Amundsen SBA is the alternative to the cumbersome steel wire ropes. It is stronger and safer, with significantly less snap-back. 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.

Features

- 12 strand plaited HMPE rope
- Snap back arrestor, Timm SBA
- Buoyant
- Single yarn coating
- 7 times lighter than steel and 60% lighter than conventional fiber rope
- Excellent UV resistance
- Excellent eye protection with y-connection

Benefits

- Easy to handle
- Easy to splice
- Easy to inspect
- High abrasion resistance
- No rotation under load
- High construction stability
- Low elongation and 0% water absorption

Specification

Physical properties

Construction	12 strand plaited
Density [kg/m³]	0.97 (floating)
Elongation [%]	2-3% at break
Eyes	Supereye
Melting point	145°C - 150°C

Technical data

Oil content in fiber	<0.1%
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Ordering information

Approvals

Type Approved Product by DNV GL.

This product is produced according to ISO 9554 and tested according to ISO 2307 and OCIMF MEG4. Minimum Breaking Load (MBL) is according to ISO 10556 and verified by DNV GL.

Snap Back Arrestor is a verified product by DNV GL.

[DNV GL Approval](#)

[Cow Hitch Manual](#)

Documents

[Use and Care Acera Amundsen SBA](#)

[SDoC Acera Amundsen SBA](#)

Related products

Variants

411152	ACERA AMUNDSEN SBA S75 [31MM] 220M	411261	ACERA AMUNDSEN SBA S125 [42MM] 110M
411156	ACERA AMUNDSEN SBA S85 [34MM] 220M	L412975	ACERA AMUNDSEN SBA S75 [31MM] 200M
411164	ACERA AMUNDSEN SBA S125 [42MM] 220M	L412084	ACERA AMUNDSEN SBA 34MM 110M PLATINUM 2X1,8M SUPEREYE
411160	ACERA AMUNDSEN SBA S105 [37MM] 220M	L413185	ACERA AMUNDSEN SBA [19MM] 260M 2x1,8M SUPER EYE
411168	ACERA AMUNDSEN SBA S145 [45MM] 220M	L412988	ACERA AMUNDSEN SBA S60 [27MM] 400M
411148	ACERA AMUNDSEN SBA S60 [27MM] 220M	L412989	ACERA AMUNDSEN SBA S145 [45MM] 200M
411222	ACERA AMUNDSEN SBA S75 [31MM] 250M	410030	ACERA AMUNDSEN SBA S145 [45MM] 200M
411226	ACERA AMUNDSEN SBA S145 [45MM] 275M	L410468	ACERA AMUNDSEN SBA S125 [42MM] 200M
411232	ACERA AMUNDSEN SBA S210 [56MM] 60M	L413352	ACERA AMUNDSEN SBA S50 [25MM] 180M
411234	ACERA AMUNDSEN SBA S60 [27MM] 240M	L410488	ACERA AMUNDSEN SBA S50 [25MM] 110M
411225	ACERA AMUNDSEN SBA S125 [42MM] 275M		
411262	ACERA AMUNDSEN SBA S105 [37MM] 110M		

Accessories

TIMM CHAFE GUARD

TIMM FLEX 8 TAIL

TIMM MASTER 8 TAIL

Is accessory to

TIMM MASTER 12 SBA TAIL

Spares

411172 ACERA SPLICING KIT

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