ACERA AMUNDSEN

Acera Amundsen is a 12 strand high performance rope made from the genuine Acera HMPE yarns, with the unique super eye in both ends with mesh and hollow braided protection.

Product information

Acera Amundsen 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 Amundsen 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
- 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

<table>
<thead>
<tr>
<th>Physical properties</th>
<th>Technical data</th>
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</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Platinum</td>
</tr>
<tr>
<td>Construction</td>
<td>12 strand plaited</td>
</tr>
<tr>
<td>Density [kg/m3]</td>
<td>0.97 (floating)</td>
</tr>
<tr>
<td>Elongation [%]</td>
<td>2-3% at break</td>
</tr>
<tr>
<td>Eyes</td>
<td>Supereye</td>
</tr>
<tr>
<td>Melting point</td>
<td>145°C - 150°C</td>
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</tbody>
</table>

Ordering information

- High performance Mooring Rope: Acera Amundsen
- Colour: Platinum
- Construction: 12 strand plaited
- Density: 0.97 (floating)
- Elongation: 2-3% at break
- Eyes: Supereye
- Melting point: 145°C - 150°C

Oil content in fiber: <0.1%
Water absorption: 0%
Type Approval - Acera

Approved

Type Approved Product by DNV GL.
This product is produced according to ISO 9554:2010 and tested according to ISO 2307:2010.
Minimum Breaking Load (MBL) is according to ISO 10325:2009 and verified by DNV GL.
OCIMF MEG4 Base Design Certificate.

Documents

Acera Amundsen - Use and Care Manual

Related products

Variants

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<th>ACERA AMUNDSEN 44MM 275M PLATINUM 2X1,8M SUPEREYE</th>
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<td>ACERA AMUNDSEN 32MM 200M PLATINUM 2X1,8M SUPEREYE</td>
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<td>410632</td>
<td>ACERA AMUNDSEN 36MM 200M PLATINUM 2X1,8M SUPEREYE</td>
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<td>ACERA AMUNDSEN 34MM 250M PLATINUM 2X1,8M SUPEREYE</td>
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<td>ACERA AMUNDSEN 30MM 180M PLATINUM 2X1,8M SUPEREYE</td>
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<td>ACERA AMUNDSEN 42MM 205M PLATINUM 2X1,8M SUPEREYE</td>
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<td>ACERA AMUNDSEN 40MM 205M PLATINUM 2X1,8M SUPEREYE</td>
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<td>410335</td>
<td>ACERA AMUNDSEN 44MM 190M BLUE 2X1,8M SUPEREYE</td>
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| 410299 | ACERA AMUNDSEN 40MM 220M PLATINUM 2X1,8M SUPEREYE |
| 410572 | ACERA AMUNDSEN 28MM 180M PLATINUM 2X1,8M SUPEREYE |
| 410600 | ACERA AMUNDSEN 42MM 180M PLATINUM 2X1,8M SUPEREYE |
| 410343 | ACERA AMUNDSEN 46MM 195M BLUE 2X2,0M SUPEREYE |
| 410636 | ACERA AMUNDSEN 48MM 200M PLATINUM 2X1,8M SUPEREYE |
| 410315 | ACERA AMUNDSEN 28MM 200M PLATINUM 2X1,8M SUPEREYE |
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ACERA AMUNDSEN 34MM 220M PLATINUM 2X1,8M SUPEREYE
ACERA AMUNDSEN 38MM 85M PLATINUM 2X1,8M SUPEREYE

Accessories
TIMM CHAFE GUARD
TIMM MASTER 8 TAIL
TIMM FLEX 8 TAIL
TIMM FLEX 8 RING
TIMM MASTER 8 RING

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