

Product information

Specification

General

| | |
|-------------------------|------------------|
| Material type and grade | Acera H16 (HMPE) |
|-------------------------|------------------|

Dimensions/Weight

| | |
|---------------|-----|
| Diameter [mm] | 34 |
| Length [m] | 220 |

Performance data

| | |
|---------------------|------|
| DNVGL | Y |
| SBA | Y |
| Strength adjustment | 10% |
| Var Range From | 100% |
| Var Range To | 105% |

Documents

[Wilhelmsen Use and Care Acera Amundsen](#)

[SDoC411156](#)

Physical properties

| | |
|-------------------------------------|-------------------|
| Jacketed | false |
| Line Construction | 12x1 braided |
| Line Linear Density (LLD) | 0.615 kg/m |
| Line Tenacity (LT) Maximum | 162.9 t/kg/m |
| Line Tenacity (LT) Maximum (kN/g/m) | 1.68 kN/g/m |
| Line Tenacity (LT) Measured | 154.2 t/kg/m |
| Load Bearing Linear Density (LBLD) | 0.57 kg/m |
| NSBF (if requested) | Not requested |
| Rotating | false |
| Splice type and design | Tension (12S/Z)x1 |

Technical data

| | |
|--|-----------------|
| Angled Break Force (ABF) % Avg NSBF D/d = 10 | 199.18 (99.59) |
| Angled Break Force (ABF) % Avg NSBF D/d = 5 | 184.68 (92.34) |
| Angled Endurance (AE) % Avg NSBF D/d = 10 | 86 |
| Angled Endurance (AE) % Avg NSBF D/d = 5 | 60.04 |
| Average Immediate Strain (e) %LDBF:10 | 0.2 |
| Average Immediate Strain (e) %LDBF:20 | 0.42 |
| Average Immediate Strain (e) %LDBF:30 | 0.62 |
| Average Immediate Strain (e) %LDBF:40 | 0.82 |
| Average Immediate Strain (e) %LDBF:50 | 1.01 |
| Axial Compression Resistance (ACR) | 93.16% Avg NSBF |
| LDBF [kN] (from) | 766 |
| LDBF [kN] (up to) | 882 |
| LDBF [t] (from) | 78.1 |
| LDBF [t] (up to) | 89.9 |
| Line Design Break Force (LDBF) | 89.9 |
| Temperature (T) % BF at 20°C -20C | 111 |
| Temperature (T) % BF at 20°C 0C | 110 |
| Temperature (T) % BF at 20°C 20C | 100 |
| Temperature (T) % BF at 20°C 40C | 94 |
| Temperature (T) % BF at 20°C 60C | 86 |
| Temperature (T) % BF at 20°C 80C | 57 |
| Unspliced MBL [t] | 98.5 |

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