

Product group: 327    Product number: **410144**

## Product information

## Specification

## General

<b>Material</b>	75% Polyolefin & 25% HT Polyester
<b>Material type and grade</b>	Mixed polyolefins (B5 yarn) and HT PES

## Dimensions/Weight

<b>Diameter [mm]</b>	55
<b>Length [m]</b>	110

## Performance data

<b>DNVGL</b>	Y
<b>SBA</b>	Y
<b>Strength adjustment</b>	10%
<b>Var Range From</b>	100%
<b>Var Range To</b>	105%

## Physical properties

<b>Colour</b>	Blue and white anti-twisting colors
<b>Construction</b>	12 strand braided
<b>Density</b>	0.99
<b>Elongation [%]</b>	18% at break
<b>Eyes</b>	1,8m mesh braid protected eyes
<b>Jacketed</b>	false
<b>Line Construction</b>	12x1 braided
<b>Line Linear Density (LLD)</b>	1.644 kg/m
<b>Line Tenacity (LT) Maximum</b>	38.41 t/kg/m
<b>Line Tenacity (LT) Maximum (kN/g/m)</b>	0.38 kN/g/m
<b>Line Tenacity (LT) Measured</b>	37.99 t/kg/m
<b>Load Bearing Linear Density (LBLD)</b>	1.582 kg/m
<b>Melting point</b>	165°C
<b>NSBF (if requested)</b>	Not requested
<b>Rotating</b>	false
<b>Splice type and design</b>	Tuck (6S-6Z)x4

## Technical data

<b>Angled Break Force (ABF) % Avg NSBF D/d = 10</b>	181.42 (90.71)
<b>Angled Break Force (ABF) % Avg NSBF D/d = 5</b>	173.00 (86.50)
<b>Angled Endurance (AE) % Avg NSBF D/d = 10</b>	78.21
<b>Angled Endurance (AE) % Avg NSBF D/d = 5</b>	75.13
<b>Average Immediate Strain (e) %LDBF:10</b>	1.33
<b>Average Immediate Strain (e) %LDBF:20</b>	2.50
<b>Average Immediate Strain (e) %LDBF:30</b>	3.50
<b>Average Immediate Strain (e) %LDBF:40</b>	4.36
<b>Average Immediate Strain (e) %LDBF:50</b>	5.24
<b>Axial Compression Resistance (ACR)</b>	94.53% Avg NSBF
<b>LDBF [kN] (from)</b>	509
<b>LDBF [kN] (up to)</b>	590
<b>LDBF [t] (from)</b>	51.8
<b>LDBF [t] (up to)</b>	60.1
<b>Line Design Break Force (LDBF)</b>	60.1
<b>Temperature (T) % BF at 20°C -20C</b>	135/101
<b>Temperature (T) % BF at 20°C 0C</b>	124/103
<b>Temperature (T) % BF at 20°C 20C</b>	100/100
<b>Temperature (T) % BF at 20°C 40C</b>	84/93
<b>Temperature (T) % BF at 20°C 60C</b>	72/89
<b>Temperature (T) % BF at 20°C 80C</b>	57/89
<b>Unspliced MBL [t]</b>	66.7

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