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TIMM MASTER 12 SBA F80 [67MM] 200M

Product group: **327** Product number: **411210**

Product information

Timm Master 12 SBA is a mixed polymer rope solution, using the

Features

• 12 strand plaited construction
• Anti-twisting colors
• Integrated Snap Back Arrestor
• Buoyant
• Low-torque
• UV stabilised

Benefits

• Reducing snap back if main rope breaks
• Class leading strength-to-weight ratio
• Preventing twisting of ropes
• High abrasion resistance
• Type Approved by DNV GL
• Meets all OCIMF requirements

Specification

General

Invent Hazard Material (IMO/EU) classification	NA
Material	75% Polyolefin & 25% HT Polyester
Material type and grade	Mxed polyolefins (B5 yarn) and HT PES

Physical properties

Colour	Blue and white anti-twisting colors
Construction	12 strand braided
Density	0.99
Density [kg/m3]	0.99
Elongation [%]	18% at break
Eyes	1,8mmesh braid protected eyes
Jacketed	false
Line Construction	12x1 braided
Line Linear Density (LLD)	2.43 kg/m
Line Tenacity (LT) Maximum	38.41 t/kg/m
Line Tenacity (LT) Maximum (kN/g/m)	0.38 kN/g/m
Line Tenacity (LT) Measured	37.81 t/kg/m
Load Bearing Linear Density (LBLD)	2.341 kg/m
Melting point	165°C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	TM12 2G
X - Line Linear Density (LLD)	2.43 kg/m
X - Line Tenacity (LT) Maximum	38.41 t/kg/m
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X - Splice type and design	TM12 2G

Dimensions/Weight

Diameter [mm]	67
Length	200
Length [m]	200

Technical data

Angled Break Force (ABF) % Avg NSBF D/d = 10	181.42 (90.71)
Angled Break Force (ABF) % Avg NSBF D/d = 5	173.00 (86.50)
Angled Endurance (AE) % Avg NSBF D/d = 10	78.21
Angled Endurance (AE) % Avg NSBF D/d = 5	75.13
Average Immediate Strain (e) %LDBF:10	1.33
Average Immediate Strain (e) %LDBF:20	2.50
Average Immediate Strain (e) %LDBF:30	3.50
Average Immediate Strain (e) %LDBF:40	4.36
Average Immediate Strain (e) %LDBF:50	5.24
Axial Compression Resistance (ACR)	94.53% Avg NSBF
LDBF [kN] (from)	747
LDBF [kN] (up to)	869
LDBF [t] (from)	76
LDBF [t] (up to)	88.5
Line Design Break Force (LDBF)	88.5
Temperature (T) % BF at 20°C -20C	135/101
Temperature (T) % BF at 20°C 0C	124/103
Temperature (T) % BF at 20°C 20C	100/100
Temperature (T) % BF at 20°C 40C	84/93
Temperature (T) % BF at 20°C 60C	72/89
Temperature (T) % BF at 20°C 80C	57/89
Unspliced MBL [t]	98.4
X - Angled Break Force (ABF) % Avg NSBF D/d = 10	181.42 (90.71)
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X - Temperature (T) %BF at 20°C 0C	124/103
X - Temperature (T) %BF at 20°C 20C	100/100
X - Temperature (T) %BF at 20°C 40C	84/93
X - Temperature (T) %BF at 20°C 60C	72/89
X - Temperature (T) %BF at 20°C 80C	57/89
X - Unspliced MBL [t]	98.4

Performance data

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

Approvals

Snapback arrestor is a Verifed Product by DNV GL.
Timm Master 12 is Type Approved by DNV GL. This product is produced according to ISO 9554 and tested according to ISO 2307. Minimum Breaking Load (MBL) is according to
ISO 10556 and verifed by DNV GL.

Manufactured acc. to => ISO 9554, ISO 10556
Tested acc. to => ISO 2307, CI 1500A, DNVGL-CP-0100
Type Approval No => TAK0000094
X - Type Approval No => TAK0000094

Documents

Use and Care Timm Master 12 SBA

Wilhelmsen_Use and Care Timm Master 12 SBA