

Last updated: 30/04/2025 05:19:06

TIMM FLEX 8 96MM 11M 2x1,8M EYE

Product group: 325 Product number: 412776

Product information



Specification

General

Invent Hazard Material (IMO/EL) classification	NA
Material	Nylon
Material type and grade	PA 6 (Nylon)

Dimensions/Weight

Diameter [mm]	96
Length	11
Length [m]	11

Performance data

DNVGL	N
SBA	N
Strength adjustment	10%
Var Range From	125%
Var Range To	130%

Documents

[SDoC and MD for IHM](#)

Physical properties

Colour	White
Construction	8-strand plaited
Density	Approx. 1.14
Density [kg/m ³]	Approx. 1.14
Elongation [%]	40% at break
Jacketed	false
Line Construction	8-strand braided
Line Linear Density (LLD)	5.741 kg/m
Line Tenacity (LT) Maximum	33.23 t/kg/m
Line Tenacity (LT) Maximum (kN/g/m)	0.32 kN/g/m
Line Tenacity (LT) Measured	29.08 t/kg/m
Load Bearing Linear Density (LBLD)	5.741 kg/m
Melting point	250 °C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5

Technical data

Average Immediate Strain (e) %\LDBF:10	8,78
Average Immediate Strain (e) %\LDBF:20	15,63
Average Immediate Strain (e) %\LDBF:30	11,56
Average Immediate Strain (e) %\LDBF:40	17,57
Average Immediate Strain (e) %\LDBF:50	18,85
Dynamic stiffness (K _{ex}) Exposed	11.38xTDBF
Dynamic stiffness (K _{sh}) Sheltered	3.00xTDBF
Line Design Break Force (LDBF)	167
Spliced MBL DRY [kN]	1922
Spliced MBL DRY [t]	196
Spliced MBL/LDBF [kN]	1638
Tail Design Break Force (TDBF)	167
Tension-tension endurance CTF 20%	3.46x10 ⁶ cycles
Tension-tension endurance CTF 50%	1.16x10 ⁴ cycles
Unspliced MBL [kN]	1819
Unspliced MBL [t]	185.6

This page is printed from

<https://www.wilhelmsen.com/product-catalogue/products/ropes/rope-stretchers/timm-flex-8-tail/timm-flex-8-96mm-11m-2x18m-eye/>