

Last updated: 04/07/2024 06:26:43

TIMM FLEX 8 90MM 22M 2x1,8M EYE

Product group: **325** Product number: **412764**



Product information

Specification

General

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

Dimensions/Weight

Diameter [mm]	90
Length	22
Length [m]	22

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)	5.045 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	30.32 t/kg/m
Load Bearing Linear Density (LBLD)	5.045 kg/m
Melting point	250 °C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5
X - Line Linear Density (LLD)	5.045 kg/m
X - Line Tenacity (LT) Maximum	33.23 t/kg/m
X - Line Tenacity (LT) Maximum (kN/g/m)	0.32 kN/g/m
X - Line Tenacity (LT) Measured	30.32 t/kg/m
X - Load Bearing Linear Density (LBLD)	5.045 kg/m
X - Splice type and design	Tuck (4S-4Z)x5

Technical data

Average Immediate Strain (e) %\LDBF:10	8,88
Average Immediate Strain (e) %\LDBF:20	15,73
Average Immediate Strain (e) %\LDBF:30	11,66
Average Immediate Strain (e) %\LDBF:40	17,67
Average Immediate Strain (e) %\LDBF:50	18,95
Dynamic stiffness (K _{ex}) Exposed	11.38xTDBF
Dynamic stiffness (K _{sh}) Sheltered	3.00xTDBF
Line Design Break Force (LDBF)	153
Spliced MBL DRY [kN]	1765
Spliced MBL DRY [t]	180
Spliced MBL/LDBF [kN]	1500
Tail Design Break Force (TDBF)	153
Tension-tension endurance CTF 20%	3.46x10 ⁶ cycles
Tension-tension endurance CTF 50%	1.16x10 ⁴ cycles
Unspliced MBL [kN]	1667
Unspliced MBL [t]	170.0
X - Average Immediate Strain (e) %\LDBF:10	8,88
X - Average Immediate Strain (e) %\LDBF:20	15,73
X - Average Immediate Strain (e) %\LDBF:30	11,66
X - Average Immediate Strain (e) %\LDBF:40	17,67
X - Average Immediate Strain (e) %\LDBF:50	18,95
X - Dynamic stiffness (K _{ex}) Exposed	11.38xTDBF
X - Dynamic stiffness (K _{sh}) Sheltered	3.00xTDBF
X - Line Design Break Force (LDBF)	153
X - Spliced MBL DRY [kN]	1765
X - Spliced MBL DRY [t]	180
X - Spliced MBL/LDBF [kN]	1500
X - Tension-tension endurance CTF 20%	3.46x10 ⁶ cycles

X - Tension-tension endurance CTF 50%	1.16x10 ⁴ cycles
X - Unspliced MBL [kN]	1765
X - Unspliced MBL [t]	170.0

Performance data

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

This page is printed from

<https://www.wilhelmsen.com/product-catalogue/products/ropes/rope-stretchers/tirm-flex-8-tail/tirm-flex-8-90mm-22m-2x18m-eye/>