

Last updated: 07/01/2025 11:35:14

TIMM FLEX 8 94MM 22M 2x1,8M EYE

Product group: 325 Product number: 412772

Product information

Specification

General

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

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)	5.445 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	29.38 t/kg/m
Load Bearing Linear Density (LBLD)	5.445 kg/m
Melting point	250 °C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5

Dimensions/Weight

Diameter [mm]	94
Length	22
Length [m]	22

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)	160
Spliced MBL DRY [kN]	1844
Spliced MBL DRY [t]	188
Spliced MBL/LDBF [kN]	1569
Tail Design Break Force (TDBF)	160
Tension-tension endurance CTF 20%	3.46x10 ⁶ cycles
Tension-tension endurance CTF 50%	1.16x10 ⁴ cycles
Unspliced MBL [kN]	1743
Unspliced MBL [t]	177.8

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-8-94mm-22m-2x18m-eye/>