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# 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

## 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 <sup>3</sup> ]	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

## 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 (Kex) Exposed	11.38xTDBF
Dynamic stiffness (Ksh) 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 <sup>6</sup> cycles
Tension-tension endurance CTF 50%	1.16x10 <sup>4</sup> cycles
Unspliced MBL [kN]	1667
Unspliced MBL [t]	170.0

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