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# 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)

## Dimensions/Weight

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

## 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)	5.445 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
X - Line Linear Density (LLD)	5.445 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	29.38 t/kg/m
X - Load Bearing Linear Density (LBLD)	5.445 kg/m
X - Splice type and design	Tuck (4S-4Z)x5

## Technical data

Average Immediate Strain (e) %\LDBF:10	8,81
Average Immediate Strain (e) %\LDBF:20	15,66
Average Immediate Strain (e) %\LDBF:30	11,59
Average Immediate Strain (e) %\LDBF:40	17,60
Average Immediate Strain (e) %\LDBF:50	18,88
Dynamic stiffness (K <sub>ex</sub> ) Exposed	11.38xTDBF
Dynamic stiffness (K <sub>sh</sub> ) 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 <sup>6</sup> cycles
Tension-tension endurance CTF 50%	1.16x10 <sup>4</sup> cycles
Unspliced MBL [kN]	1743
Unspliced MBL [t]	177.8
X - Average Immediate Strain (e) %\LDBF:10	8,81
X - Average Immediate Strain (e) %\LDBF:20	15,66
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X - Tension-tension endurance CTF 50%	1.16x10 <sup>4</sup> cycles
X - Unspliced MBL [kN]	1844
X - Unspliced MBL [t]	177.8

Performance data

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

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