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TIMM MASTER 8 TAIL 104MM 11M

Product group: **325** Product number: **L410027**



Product information

Our best selling mooring tail made from the Timm Master rope design, sold to over 6 000 vessels. Made of HT polyester and B5 polyolefin yarns which effectively absorb shock/energy in mooring systems. Typically used with steel wire and HMPE ropes. Compared to nylon stretchers, this product remains elastic for a longer period. It performs better in wet conditions, providing equal breaking strength under wet and dry conditions.

Features

- Protected eyes
- Buoyant
- High elongation

Benefits

- 15-20% lighter than PES and nylon tails
- Excellent abrasion and UV resistance
- Smooth and gripable surface
- Meets all OCIMF requirements

Specification

General

Invent Hazard Material (IMO/EU) classification	NA
Material	75% Polyolefin / 25% HT Polyester
Material type and grade	Mixed polyolefins (B5 yarn) and HT PES

Dimensions/Weight

Diameter [mm]	104
Length	11
Length [m]	11

Performance data

DNVGL	Y
SBA	N
Strength adjustment	10%
Var Range From	125%
Var Range To	130%
Water resistance	<1% absorption

Approvals

Type Approved Product by DNV GL. This product is produced according to ISO 9554 and tested according to ISO 2307. Minimum Breaking Load (MBL) is according to ISO 10556 and verified by DNV GL.

Manufactured acc. to => ISO 9554, ISO 10556

Tested acc. to => ISO 2307, CI 1500A, DNVGL-CP-0100

Type Approval No => TAK0000094

Physical properties

Colour	White with 3 black marking yarns
Construction	8-strand plaited
Density	0.99
Density [kg/m³]	0.99
Eyes	1,8mmesh braid protected eyes
Jacketed	false
Line Construction	8-strand braided
Line Linear Density (LLD)	5.602 kg/m
Line Tenacity (LT) Maximum	38.41 t/kg/m
Line Tenacity (LT) Maximum (kN/g/m)	0.38 kN/g/m
Line Tenacity (LT) Measured	37.51 t/kg/m
Load Bearing Linear Density (LBLD)	5.602 kg/m
Melting point	165°C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5

Technical data

Average Immediate Strain (e) %LDBF:10	1.24
Average Immediate Strain (e) %LDBF:20	2.50
Average Immediate Strain (e) %LDBF:30	3.71
Average Immediate Strain (e) %LDBF:40	4.82
Average Immediate Strain (e) %LDBF:50	5.88
Dynamic stiffness (Kex) Exposed	18.896xTDBF
Dynamic stiffness (Ksh) Sheltered	13.637xTDBF
Line Design Break Force (LDBF)	210.1
Spliced MBL DRY [t]	210.1
Spliced MBL/LDBF [kN]	2061
Tension-tension endurance CTF 20%	2675208408,5
Tension-tension endurance CTF 50%	701711
Unspliced MBL [kN]	2290
Unspliced MBL [t]	233.5

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