Wilhelmsen Ships Service

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TIMM MASTER 8 TAIL 76MM 11M WHITE 2X2,0M EYE

Product group: **325** Product number: **410167**

Timm Master 8 Tail is an 8-strand floating mooring tail which effectively absorb shock and energy in mooring systems.

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

Physical properties

Colour	White with 3 black marking yarns
Construction	8-strand plaited
Density	0.99
Density [kg/m3]	0.99
Eyes	1,8mm mesh braid protected eyes
Jacketed	false
Line Construction	8-strand braided
Line Linear Density (LLD)	3.005 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	37.72 t/kg/m
Load Bearing Linear Density (LBLD)	3.005 kg/m
Melting point	165°C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5

Dimensions/Weight

Diameter [mm]	76
Length	11
Length [m]	11

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)	113.4
Spliced MBL DRY [t]	113.4
Spliced MBL/LDBF [kN]	1113
Tension-tension endurance CTF 20%	2675208408,5
Tension-tension endurance CTF 50%	701711
Unspliced MBL [t]	126.1

Performance data

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

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, DNV-CP-0100
Type Approval No => TAK0000094

Documents

SDoC and MD for IHM

Timm Master Tail - Use and Care Manual

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