

Product group: 325

Product number: 410948

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/IU) classification	NA
Material type and grade	Mxed polyolefins (B5 yarn) and HT PES

Physical properties

Colour	White with 3 black marking yarns
Construction	8-strand plaited
Density [kg/m3]	0.99
Jacketed	false
Line Construction	8-strand braided
Line Linear Density (LLD)	4.204 kg/m
Line Tenacity (LT) Maximum	38.41 t/kg/m
Line Tenacity (LT) Maximum (kNg/m)	0.38 kNg/m
Line Tenacity (LT) Measured	37.62 t/kg/m
Load Bearing Linear Density (LBLD)	4.204 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]	90
Length [m]	22

Technical data

Average Immediate Strain (e) %LDBF:10	1.33
Average Immediate Strain (e) %LDBF:20	2.50
Average Immediate Strain (e) %LDBF:30	3.50
Average Immediate Strain (e) %LDBF:40	4.36
Average Immediate Strain (e) %LDBF:50	5.24
Dynamic stiffness (Kex) Exposed	20.65xTDBF
Dynamic stiffness (Ksh) Sheltered	16.14xTDBF
Line Design Break Force (LDBF)	158
Spliced MBL DRY [t]	158
Spliced MBL/LDBF [kN]	1552
Tension-tension endurance CTF 20%	19934162223361
Tension-tension endurance CTF 50%	205233732
Unspliced MBL [kN]	176
Unspliced MBL [t]	

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 . Mnumum 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

Documents

[Timm Master Tail - Use and Care Manual](#)

[SDoC and MD for IHM](#)