Product group: **325** Product number: **411253**

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.

The stretcher breaking strength is given by Tail Design Break Force TDBF as per OCIMF MEG4, equal to value of MBL spliced.

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 and blue
Construction	12-strand braided
Density [kg/m3]	0.99
Elongation [%]	18% at break
Eyes	1,8m mesh braid protected eyes
Jacketed	false
Line Construction	12-strand braided
Line Tenacity (LT) Maximum	38.41 t/kg/m
Line Tenacity (LT) Maximum (kN/g/m)	0.38 kN/g/m
Melting point	165°C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5

Dimensions/Weight

Diameter [mm]	62
Length [m]	11

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
LDBF [kN] (from)	633
LDBF [kN] (up to)	745
LDBF [t] (from)	64.5
LDBF [t] (up to)	75.9
Line Design Break Force (LDBF)	75.9
Tension-tension endurance CTF 20%	1.99342E+13
Tension-tension endurance CTF 50%	2.05E+08

Performance data

DNVGL	Y
SBA	Y
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 and OCIMF MEG4. Minimum Breaking Load (MBL) is according to ISO 10556 and verified by DNV GL.

Snap Back Arrestor is a verified product 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 12 SBA Tail