

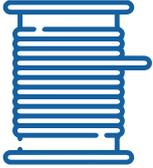


# Timm™ Flex 8 Tail

## Use and Care Guidelines for Mooring Tails

Timm Flex 8 Tail is our updated range of 8-strand Polyamide (often referred to as nylon) tails, designed for special applications that require higher elongation properties. Timm Flex 8 Tails are specially designed for special applications that require higher elongation properties.

### Product features



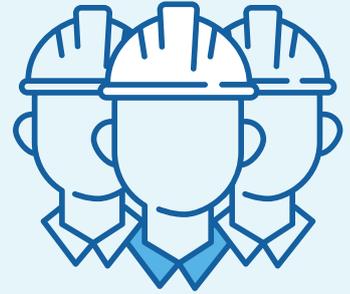
<b>Colour:</b>	White
<b>Construction:</b>	8 strand braided
<b>Floating:</b>	No
<b>Elongation:</b>	23-27% at break (stabilized) 37-42% at break (new)
<b>Melting Point:</b>	250°C
<b>Water Absorption:</b>	<2%
<b>Designed Lifetime:</b>	≥1000 mooring hours

The specified lifetime for this product is ≥1000 mooring hours, which serves as an indicative value based on standard operating conditions. However, this is not a strict limit and the actual lifespan can significantly exceed this estimate when the ropes are properly managed and all guidelines and manufacturer recommendations are strictly followed.



### 1 Installation should be carried out by experienced crew, according to the manufacturer's instructions

Incorrectly installed ropes can be a safety hazard for the crew and port workers. Wrong layering, lack of back tension, and twist are typical errors made. Twisting can cause a mooring rope to weaken by as much as 6% per turn per meter.



### 2 Keep ropes covered and away from sunlight when not in use

Ultraviolet (UV) degradation is a very common occurrence. Covering ropes when they are not in use will give them the best possible protection from UV radiation. Indirect UV radiation may still cause deterioration, even if the ropes are in the shade.

### 3 Do not store ropes near chemicals

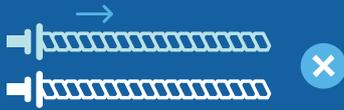
Certain chemicals can damage ropes beyond recovery. It is highly recommended to always keep all types of chemicals away from ropes.





## 4 Use the same type of ropes and tails on all positions where they are working in parallel

Ropes working in parallel must be of the same model, construction, material, running time and condition (used/new) to prevent one of the two ropes from bearing most of the load. Ropes from different manufacturers may have slightly different elongations.



## 5 Conduct regular inspections (by crew and third parties)

Rope inspections can help reveal stress, damage, or wear on mooring ropes, and help prevent accidents before they occur. Expert advice from third parties can provide the crew with useful knowledge on how to optimize the working conditions for the ropes. Conduct regular inspections using Timm inspection and retirement guidelines and with the operators retirement and inspection plan. We recommend retiring the ropes and tails when their residual strength reaches 75% of the ship design MBL.



## 6 Work load limits

Working Load Limits: 50% of ship design MBL  
Maximum Recommended Working Load: 22% of ship design MBL



Timm™ ropes are made as according to ISO and Cordage Institute, following the recommendations from OCIMF MEG4. The ropes are Type Approved by DNV and ClassNK.

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