

# Timm™ Winchline

## Use and Care Guidelines

Timm™ Winchline is a premium mixed polymer rope with two PES protected eyes, one in each end. The fiber consists of Timm B5 polyolefin yards and high tenacity polyester, giving the rope very good abrasion properties and excellent UV resistance, in addition to being buoyant.

Please check the product packaging before opening the package. Any cuts or significant damages should be immediately communicated to a supervisor, with relevant photographs before taking the rope in use. All ropes must be used according to their intended use and any applicable guidelines specified by class or other governing bodies. Do not add grease or other chemicals in order to prevent abrasion, as this might damage the rope.

It is recommended that new ropes are loaded carefully for the first 5-10 mooring operations, in order for the rope fibers to settle into position. Mooring ropes are not intended for towing, as towing involves shock loads that exceed the Working Load Limit, as shown in the strength diagram below.

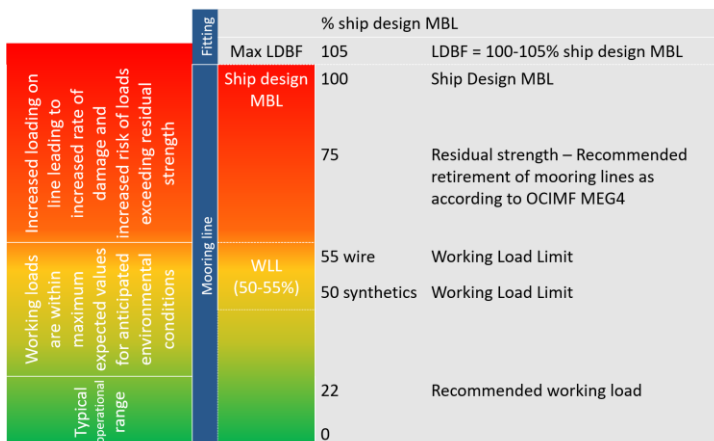
When installing the product, a rotating platform should be used to ensure the rope remains without twist. Twist in a rope will reduce the overall strength. When installing the product on a split drum winch, we recommend a minimum of five to six full turns on the tension drum, in one layer only. Best practice is to make as many wraps as possible in one single layer.

Working Load Limit: 50% of spliced MBL (LDBF)

Recommended Working Load: 22% of spliced MBL (LDBF)

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

**Strength diagram for mooring ropes**



OCIMF (2018). Mooring Equipment Guidelines (MEG4).

Assessing condition should be a combination of visual inspection and the number of running hours that a line has undergone. If you are ever in any doubt in the ability of the product performing its required application, it should be taken out of operation and replaced. More detailed information including inspection and retiral information can be found at [wilhelmsen.com](http://wilhelmsen.com)

### Product features

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Colour:</b>           | White with 3 gold marking yarns      |
| <b>Construction:</b>     | 12 strand core with 32 braided cover |
| <b>Specific Gravity:</b> | 0,99                                 |
| <b>Elongation:</b>       | 18% at break                         |
| <b>Melting Point:</b>    | 165°C                                |
| <b>Water Absorption:</b> | <1%                                  |

### Rope Care Instructions

- All ropes must be stored out of direct sunlight and away from extreme heat
- All ropes should be stored in a dry area on a level surface, secured with no sharp edges nearby
- Prolonged UV exposure can affect physical and mechanical properties
- Exposure to chemicals can weaken or damage ropes
- All leads, bitts, drums and other surfaces must be kept smooth to avoid chafing
- Any areas exposed to high abrasion/unmaintained sharp edges should be protected by rope protection such as Timm™ Chafe Guard
- Inspect the cover regularly to ensure no damages to the load-bearing core
- Damages on the cover should be repaired using Timm™ Repair Kit

### Check list prior to first mooring operation:

|   |                          |
|---|--------------------------|
| Packaging in good condition   | <input type="checkbox"/> |
| Certificates available and stored onboard the vessel  | <input type="checkbox"/> |
| All mooring equipment have smooth steel surfaces with even paint and no sharp edges           | <input type="checkbox"/> |
| Rope installed trying to avoid twisting of the rope, preferably with a turntable              | <input type="checkbox"/> |
| In case of tension drum on the winch: The tension drum contains only one single layer of rope | <input type="checkbox"/> |
| Rope protection available onboard   | <input type="checkbox"/> |