

User guide for plastic tree felling ropes as per DIN 17822



For winch assisted felling

Our Nordforst tree felling rope was manufactured according to the specifications of DIN 17822 and the latest forestry knowledge for winch-assisted tree felling.

The thermally stretched rope is lightweight and abrasion-resistant.

The robust protective mantle is made of high-strength polyester and offers the supporting core optimal protection. The core consists of 100% Dyneema SK 78.

A special splice developed for this rope prevents unintentional opening - even

when loose.

Due to the special splice, no complex rigging, shrink tubing or a protective mantle in the eye is necessary.

This makes the rope significantly cheaper.

The breaking load is adapted to the respective FTF class using a colour code.

With the newly created option, you can buy a tree felling rope that meets the highest demands.

Intended Use /

Safety information:

- The minimum breaking load must be twice the pulling capacity of the winch
- Plastic tree felling ropes may only be used for felling trees. The ropes are not suitable for hauling felled timber
- Please leave the danger area after attaching to the main rope. If there is a tear, parts of the rope can be catapulted in the pulling direction
- Please always wear safety clothing
- The rope must not be deflected more than 20° during use
- Dry out wet ropes after use - but never on a heater
- Never knot the rope
- The designation FTF identifies the tree felling cable suitable for the pulling load of the winch (e.g. FTF 8.5 = 8.5t maximum pulling power of the cable winch). FTF = Forest Tractive Force
- **Improper use or modification of the tree felling rope is not permitted.**

Construction and function:

- Mantled Dyneema fibre ropes as a tool for felling trees
- The slings are secured with a special splice and additionally with a shrink tube
- Identification label under the shrink tube
- The tree felling rope can be tied (a tightening loop is formed using a shackle) or looped (the rope is looped around the tree and both loops are attached to the main rope using a shackle).
- The designation FTF indicates the cable suitable for the tensile load of the winch (FTF 8.5 = 8.5t cable winch). FTF = Forest Tractive Force

Testing and maintenance:

- The slings and the rope must be checked regularly (at the earliest before starting work) for damage.
- Once a month or after exposure to jerky extreme loads, e.g. the tree has fallen into the rope or if the rope was jammed, it must be fed through the hands in an arc. If damage or severe narrowing can be felt on or in the rope, a tensile force measurement must be carried out. Tree felling ropes cannot be repaired by yourself.
- Dirty ropes can be cleaned with commercial detergents
- Store the rope in a dry place outside of the bag
- Tree felling ropes cannot be repaired by yourself. If the rope is damaged, please send it to the manufacturer for inspection.

Disposal instructions:

- If the rope mantle is slightly chafed, without the inner core of the rope being visible, the rope can continue to be used
- If the rope mantle is severely damaged by cuts or abrasion and the inner core is visible, or if the identification label is no longer available, the rope must be discarded

Manufacturer

Grube KG
Hützeler Damm 38, 29646 Bispingen,
Phone 05194/900-0, www.grube.de