User instruction Dynaforce Plus winch rope

Description / technical specifications

The new Dynaforce Plus winch rope particularly impresses users with its low distension, low weight and high minimum breaking load.

No.	Rope diameter mm	Minimum breaking load Stretched kN	Minimum breaking load Spliced kN	Weight kg/100m
42-414-M	6	38	42	2.1
42-415-M	8	75	83	4.0
42-423-M	11	140	155	8.5
42-417-M	12	170	188	9.6
42-419-M	14	230	255	13.5
42-422-M	16	280	311	14.6

Advantage of plastic winch ropes are:

- Rapid splicing with the aid of a splice sleeve
- More rope on the drum thanks to smaller rope diameter
- Low risk of injury if the rope breaks
- Higher effectiveness by extending the rope

Safety information:

- The Dynaforce Plus winch rope may only be used for pulling on level ground
- The rope must never be knotted To create an end connection or to connect two ends, the rope must be spliced
- The splicing must be done exactly as instructed in the instruction for use
- The minimum breaking load of the rope must always be at least twice the maximum tractive force of the winch
- The rope may only be used to haul cut timber
- Mechanical rope infeeds and feed reels on the winch must be dismantled

Construction and function:

- The winch rope is fixed to the drum in the same way as a steel cable
- Only rope sliders, deflection pulleys or end connections specially approved for plastic ropes may be used

Testing and maintenance:

- Before starting work, the splice quality of the end connections and the quality of the rope must be checked
- All sliders and pulleys are to be checked for burrs or sharp edges It may be necessary to replace these
- The rope should always be thoroughly impregnated Our impregnation agent Lubi Fill can be used for this

Disposal instructions:

- Breakage of a strand in a strand of rope or damage of more than 10% of the material of all strands in a strand of rope
- Severely roughened and extensive damage to the rope surface (abrasion)
- Damage to the structure due to yarns being pulled out
- Destructive cross-sectional deformation of the rope strands such as shearing
- Melting of the rope surface due to the effects of heat and the resulting burns, charring and embrittlement
- Influence of chemicals

Manufacturer

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