

USER MANUAL
ROPES



HANDELMAATSCHAPPIJ VLIERODAM B.V.
NIJVERHEIDSWEG 21

POSTBUS 827

3160 AA RHOON

010 - 5018000

010 – 5013843

www.vlierodam.nl



HANDELMAATSCHAPPIJ VLIERODAM B.V.

Nijverheidsweg 21 , 3160 AA Rhoon NL

Phone +31 10 5018000

www.vliero dam.nl

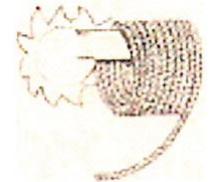
Safety rules Ropes:

Insure yourself that the rope is suitable for the application.



- Know the safety working load limit (W.L.L.) of the rope.
- The tensile break that is given on the rope is only for a new, not used rope. The factor for safe working load (S.W.L.) is 1:7. This means that you must divide the tensile break by 7 to come to the S.W.L. by lifting Works. Where the safety is vital, applies 1:15.
- Insure yourself of the right diameter of the rope.
The wear of ropes is excessive in too small blocks or eye's.
- Only use a rope that is in great order. If the rope is more than 25% damaged than you cannot use it any more.

Ropes always needs to be dried before storage.



- Do not save a rope in direct sunlight. Heat often melts synthetic rope types.

Keep the ropes clean.



- Do not drag the rope over the ground or other rough surfaces to prevent damages.

Prevent kinks and sharp bends in the rope.



- A kink in the rope creates a weak spot and by a sharp bend under load the fibers takes on half the force.



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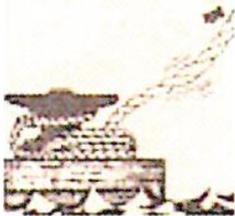
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Avoid chemicals.



- Despite that many rope types are resistant against chemicals we advise you to avoid acids, oils, solvents and other chemicals as much as possible. Salt crystals and sand provide increased wear. Flush the rope regular with clean fresh water.

Avoid sudden forces on the rope.



- Shocks can make the rope break, while by normal use the rope is strong enough.

Never stand in the direct line of a rope under tension.



- If rope, in particular synthetic rope, is under heavy tension than a big energy field is created. When the build up energy is released it will give a reflect in the rope. This can be very dangerous!.



When the rope is being delivered on clusters you must take the rope of the cluster at the right way. Place the cluster flat on the ground. The side where the rope begins – which is attached on the inside of the cluster – and is the closest to the ground, is the lower side of the cluster. Delete the protection sleeve or the rope which holds the cluster together. Unreel the cluster from the inside.



Right



Wrong

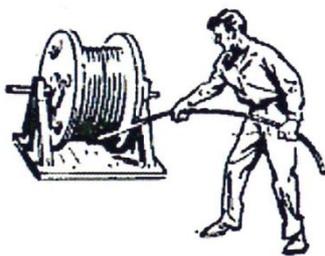


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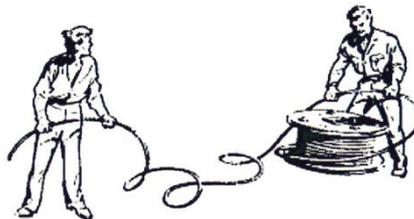
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Right



Wrong