

TRANSPORT, HANDLING AND STORAGE PROCEDURES FOR CABLE PRODUCTS

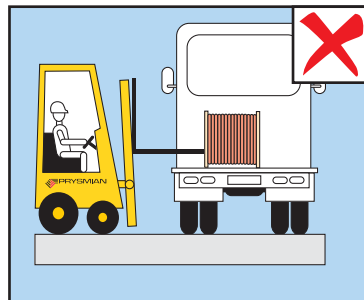
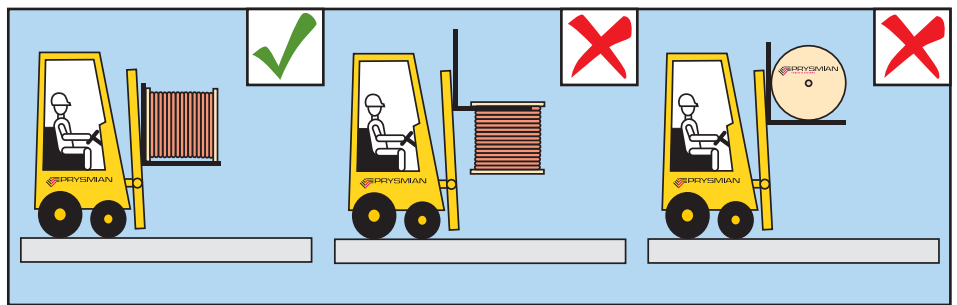
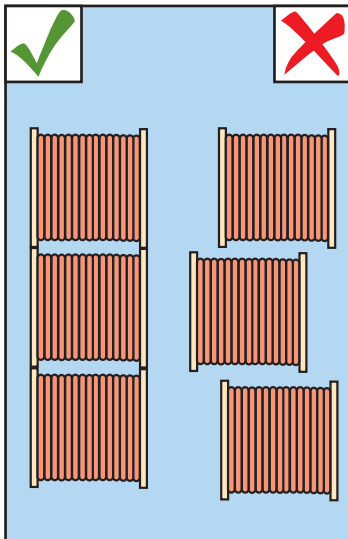
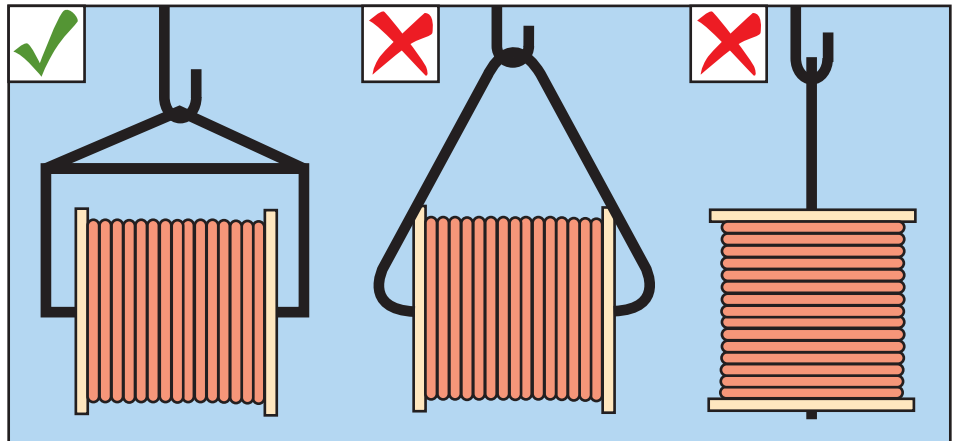
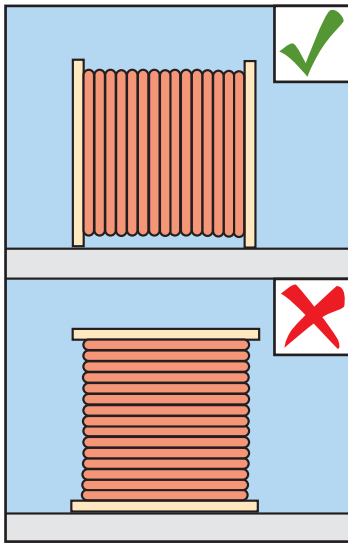


THE ESSENCE OF LEADING TECHNOLOGY
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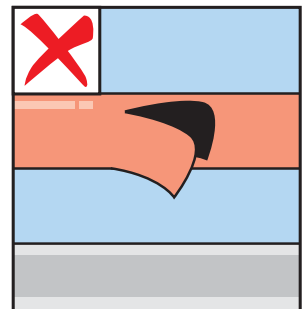
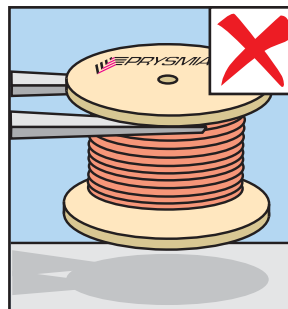
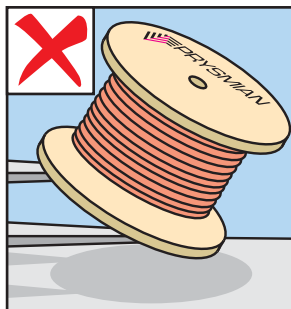
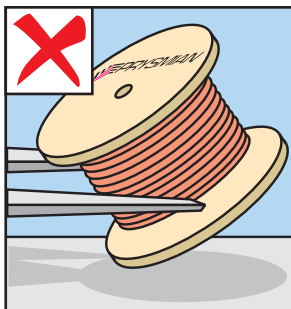
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DRUMS HANDLING PROCEDURE



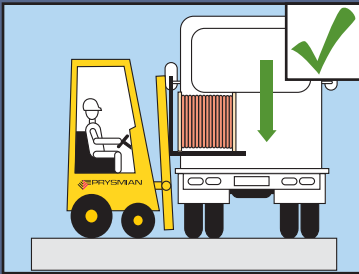
Do not use the fork lift tynes to push cable drums sideways on a truck tray or the ground as damage to the flanges can result in the drum being unacceptable to customers.



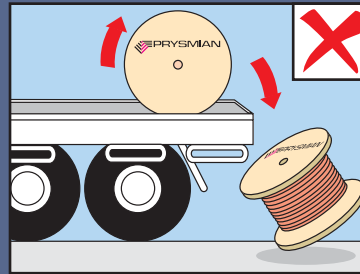
Do not attempt to lift drums of cable without inserting the fork lift tynes fully under both flanges as the tynes can damage the cable, making it unserviceable. Do not attempt to lift drums by the flange or to lift drums into the upright (correct) position by lifting the top flanges as it may break the flange from the drum barrel. The drum will then be undeliverable. Use a length of steel pipe through the centre of the drum to provide leverage and control.

This cable has been rendered unserviceable through fork lift tine damage and may necessitate the scrapping of the whole drum.

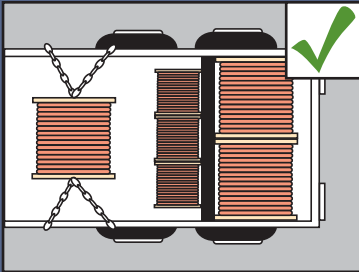
When rewinding cables, drums shall be of suitable construction and in good condition. All drums shall be held firmly in appropriate pay-off stands to prevent vibration and ensure smooth, even rotation to minimise inner end cable grow-out and tangling. Cables shall be wound evenly and uniformly, then secured.



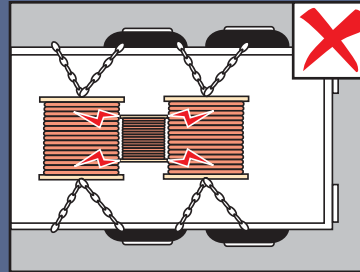
Lower drums gently onto the ground or transport.



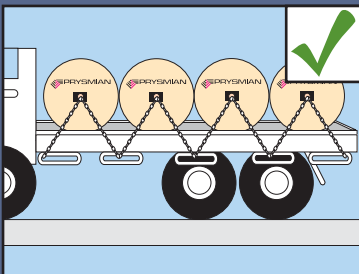
Avoid impact force loadings. Never drop drums.



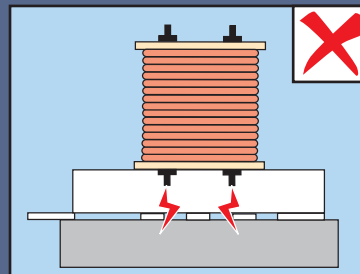
Always protect cable from rubbing or damage. Adjust load or use separators.



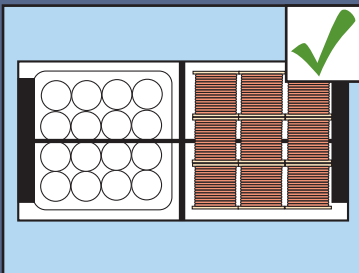
Never let drum flanges contact cable on adjacent drums.



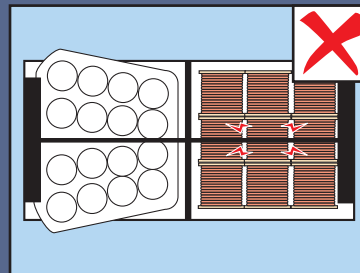
Heavy drums should be chained appropriately for transit, with protection from the chain rubbers for the spindle hole in the centre of the drum. Under no circumstances are drums to be transported on their side.



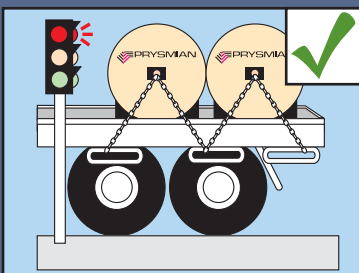
Never lay drums on their side, even on top of pallets, as protruding bolts damage spools and cable.



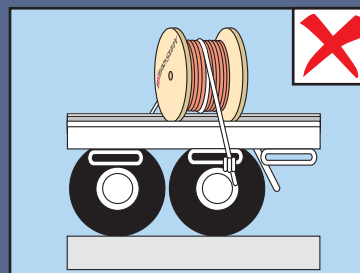
Always protect product, especially spools, against rope damage during tying down of load.



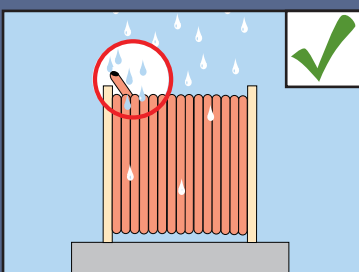
Never use rope directly over shrinkwrapped cable.



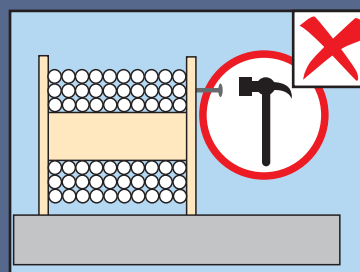
Ensure drums are restrained to restrict movement during sudden stop/starts.



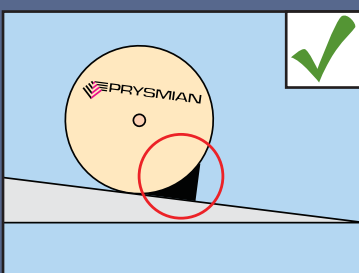
When securing drums for transit, do not place ropes or chains over cable as damage can occur to the outer insulation rendering the cable unserviceable.



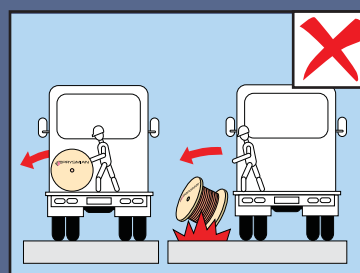
Ensure cable sealing is intact so moisture cannot seep into cable. Report damage.



Avoid use of additional nails on drums or cable. Flange thicknesses vary and some customers prohibit their use.



When placing drums on an uneven surface be prepared to check drums against rolling and chock if required.



Do not roll cable drums from the back of a delivery truck to the ground as the resulting flange damage will be unacceptable to the customer as the cable will not be able to be rolled off the drum and the drum will need to be returned.

STORAGE RECOMMENDATIONS

When storing cable drums for long periods, please take the following guidelines into consideration:

- ✓ Select a site for storage that is level and dry, preferably indoors with a concrete surface, with no risk of falling objects, chemical spills (oil, grease, etc.) open flames and excessive heat.
- ✓ If indoors, and concrete storage is not available, select a well-drained surface that will prevent the reel flanges sinking into it.
- ✓ The drums must always be stored with their flanges vertical.
- ✓ Leave enough space between stored drums for air circulation.
- ✓ If drums are stored in a high traffic area (fork lifts frequent transit) suitable barriers should be erected to prevent damage from moving equipment.
- ✓ The bolts should be tightened at regular intervals.
- ✓ During storage, the drums should be rolled to an angle of 90° every three months.
- ✓ When only a portion of the cable is used, the open end of the cable remaining on the drum should immediately be re-sealed to prevent the entrance of moisture. Once it has been re-sealed, the cut end should be fixed to the inside edge of the drum flange to prevent the end from extending beyond the flanges during drum movement.
- ✓ When it is required to rewind the cable on to another drum, always consider that the diameter of the new drum barrel should be at least the same size of the original drum barrel diameter.

