

## Storage of Cable Drums

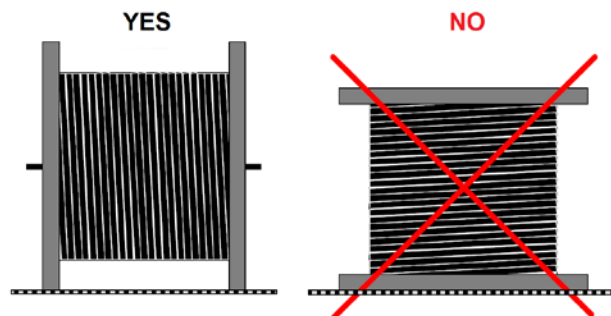
All cable drums should be stored correctly and safely until it is installed because the cable is valuable product. If the storage is not done correctly, the cable and/or drum could be damaged. This may result in the cable failing to meet its purpose. Therefore, Olex New Zealand offers the following information of cable drum storage which the information is suitable for both wooden and steel drum.

### Where should the drum be located?

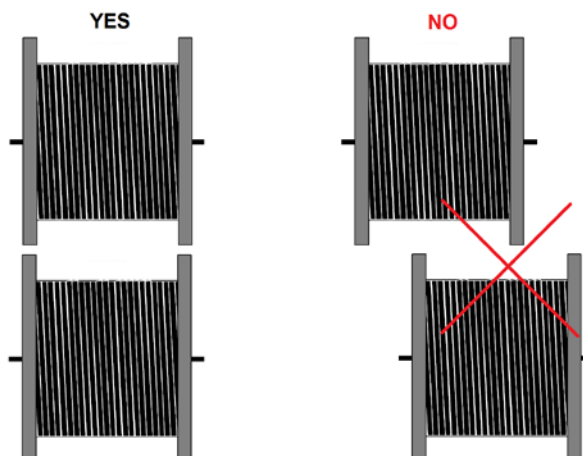
- Select a site with a level surface and dry environment. The preferred area is with concrete a surface, with no risk of falling objects, chemical spills, open flames and excessive heat.
- Select a well drained surface that would prevent the drum flanges sinking into it.
- Avoid UV radiation if the cable is not deliberately designed for outdoor applications.

### How to place the drum?

- Keep the drum upright at all time. The cable drum is designed to be handled in upright position only. Never leave the drum on its side, as the protruding bolts on the flanges will cause damage the cable drum.



- Line up the flanges of the cable drums. The flanges of the drum shall not be interleaved. The rolling drum may have a large momentum with full load.



- Leave enough space between drums for personnel access and air flow.
- Place suitable barriers to prevent damage from moving objectives, such as forklifts or moving vehicles
- Secure the drums firmly from rolling. The round designed cable drum can be rolled easily. The rolling drum may have a large momentum with full load. Don't leave drum free to roll. Ensure the drum is secured with stopper to prevent from rolling during storage.
- Seal the ends of cables during the storage to prevent the entrance of moisture.
- Avoid stacking drums.
- Correct handling and rolling of cable drums are necessary during storage.

#### What should I do for long term storage?

- The bolts should be tightened on the flanges at regular intervals.
- During the storage, the drums should be rolled to an angle of 90° every three months.
- Protect the cable from direct sun light.

#### Others:

- Minimum bending radius and maximum pulling tension must be taken into account if the cable is required to be rewound onto another drum. Usually the barrel diameter of the new drum should be equal to or greater than the original drum barrel.
- Re-seal the ends of the cable immediately when only a portion of the cable is used.
- Avoid the use of additional nails on the drums to prevent damage to the cable because the drum flanges thicknesses vary.
- The handling of drum shall always be done carefully at any time. Refer to Olex document, 21-61-012 for more drum handling information.

Any customers of Olex New Zealand Limited experiencing difficulty with handling and storage of cable drums should contact our nearest branch for further advice.