

Storage & Handling

Transport

Outside transportation in original packaging must be carried out in covered vehicles, and direct exposure to rain and snow must be avoided.

Warehouse and central storage

The product should be stored in their original, undamaged packaging, under dry conditions with a temperature ranging from 10-30°C, and a maximum 80% relative humidity. Product must not be placed directly on the floor, but on wooden pallets or similar. Product should be kept away from such atmosphere as affected by sea breeze or SO₂ gas which makes them rust.

Product should be stored at least 10 cm above floor level and at least 10 cm away from walls.

Handling

- If welding is carried out in an environment exposed to damp, rain, snow, sea air or dust, encased wire feeding systems shall be applied.
- Cored wires removed from their original packaging may be kept in a normal heated workshop for up to 5 days. Following this period the wire should be placed in a heated store place.
- When used outside, or in unheated workshops, the wire should be removed from the wire feeder and put in a heated storage when not used during an 8-hour period.
- If taken back to the storage, the wire should be placed in a plastic bag or similar.
- Storage time for opened packaging is up to 24 months, as long as there is no sign of rust or discoloration on the wire surface.
- Do not lift a spool by its flange, because wire can get tangled.

DON'T LIFT A SPOOL BY ITS FLANGE!



Wrong



Correct

This storage and handling recommendation are valid for products marketed and sold by Kobelco Welding of Europe. Products being marketed and sold in other markets and areas might differ, and are not automatically covered by this document. Be sure to contact your local Kobelco partner for updated information with respect of storage and handling if you are acquiring your products from any other Kobelco subsidiary than Kobelco Welding of Europe.

Handling for covered electrode

- When the covered electrode is used, the instructions on the cardboard package should be followed
- Normal cardboard package product, except vacuum package, should be firstly redried. The redry condition is shown on the product inner package
- For vacuum packed covered electrodes, the packaging should not be slide across the floor, be pierced by sharp objects, or put pressure on the corners to maintain sealing.
- If the vacuum packaging is damaged, the electrodes should be redried.
- The vacuum package seal should be opened carefully at one end at right angles to the package, without further damage to the foil
- The vacuum packed covered electrodes should be opened just before starting to welding and the covered electrodes should be kept inside the package until/before use
- The exposure time for vacuum packed covered electrodes for mild steel is limited to one shift, or approx. 8 hours (Some products including Thai Kobelco Welding /LB-52U etc. shall be limited to 4hrs.)*). Please be sure that the allowable recommended time, after opening and without redry, is followed as stated on each product inner package.
- When the exposure time after opening exceeds the recommend allowable time, any covered electrodes remaining should be either returned to the store for re-drying or they should be discarded.

Guarantee term

Guarantee period of flux cored wires and covered electrode are within 24 months from production date.

Scrapping

Any trace of rust visible on the product indicates that incorrect storage conditions have been used.

Product that shows any signs of appearance change (Ex. rust, color change) must be scrapped.

In the case it is suspected that product has been stored incorrectly, KOBELCO recommends scrapping.



QA Manager



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