



# **VACPAC™** VACUUM-PACKED ELECTRODES

A close-up, low-angle shot of a yellow cylindrical package of VACPac electrodes. The package is wrapped in a clear, slightly wrinkled plastic material. The words "VACPac" and "ELECTRODES" are printed in a blue, sans-serif font on the side of the package. The background is a blurred blue and white, suggesting an industrial or laboratory setting. The lighting is bright, highlighting the texture of the plastic and the metallic surface of the electrode tip visible at the bottom right.

VACPac  
ELECTRODES

**HERMETICALLY-SEALED VACUUM PACKED WELDING ELECTRODES  
FOR COST SAVINGS ON STORAGE AND HANDLING.**

# FACTORY FRESH ELECTRODES STRAIGHT FROM THE PACK.



Stick electrodes in VacPac available for:

- OK 55.00 (AWS E7018-1 H4R)
- Stainless Steels
- Ni-Base Alloys



VacPac is available in various packaging sizes to suit fabricators' individual consumption of welding electrodes.

The prevention of hydrogen induced cracking in thick structural steels or porosity in stainless or nickel-base weld metal, by controlling the moisture re-absorption in the coating of low hydrogen electrodes, can be very costly. In demanding applications, such as offshore fabrication, the cost of climate controlled storage and handling and the associated administrations are often calculated to exceed the cost of the consumables itself. With electrodes from ESAB VacPac vacuum packaging, these costs are completely avoided.

## No Re-Baking, No Holding Ovens, No Quivers

Welding electrodes from VacPac can be used straight from the package without the need to re-bake them and store them temporarily in holding ovens and quivers. The laminated, multi-layer aluminium foil is vacuum-sealed around a strong plastic inner box and effectively protects the electrodes against moisture re-absorption from the air.

Protected by a cardboard outer box, they have unlimited shelf life and do not require special warehouse conditions, provided they are handled with care and the foil is not damaged. Upon opening, fresh and dry electrodes are guaranteed when the vacuum is confirmed.

## Safe Welding After Opening

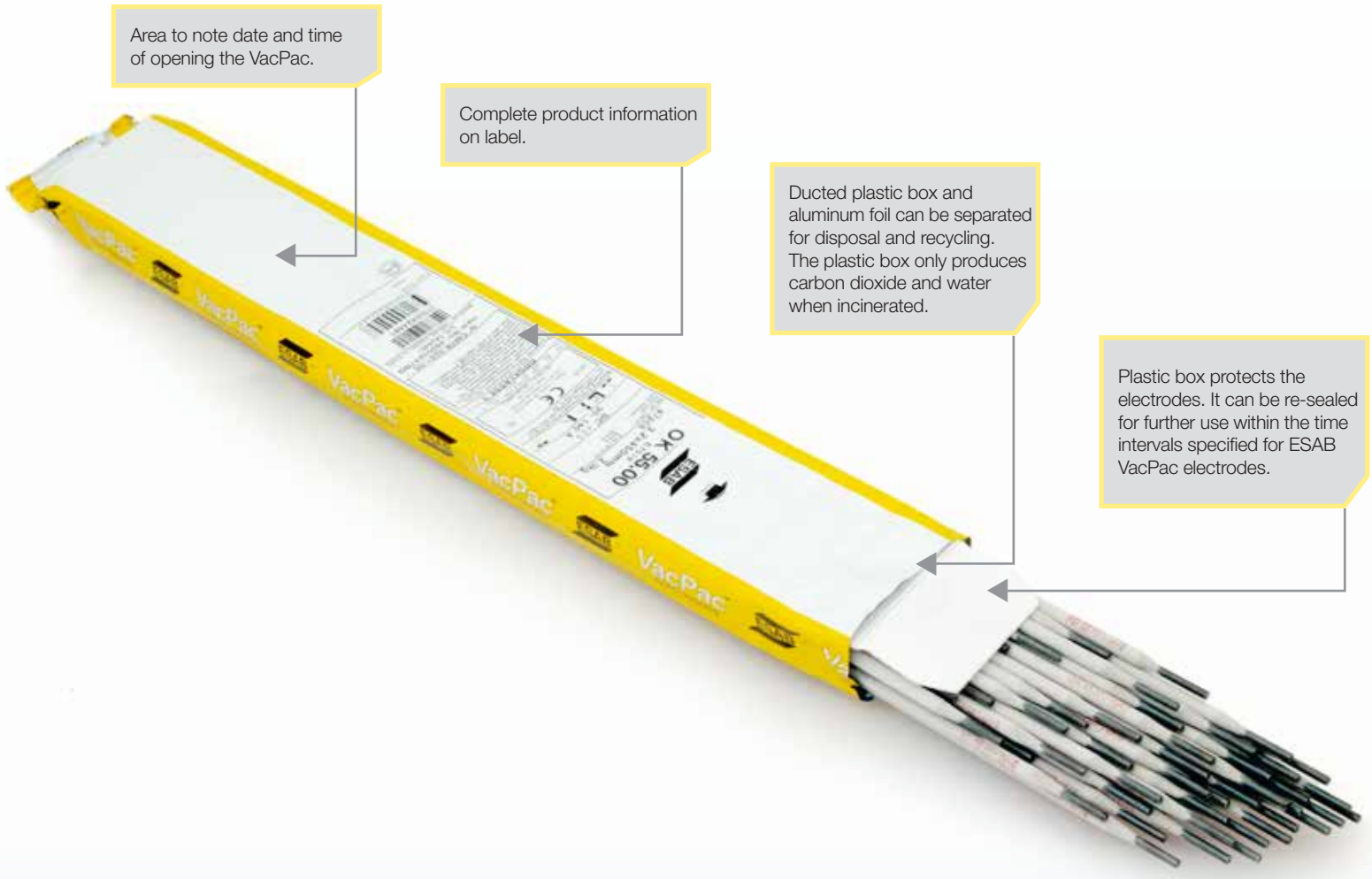
ESAB welding electrodes in VacPac are low moisture absorption (LMA) types with a coating that only slowly re-absorbs moisture from the air\*\*. The safe exposure time is 12 hours\* after opening the VacPac with the foil left in place.

For optimal security, it is recommended to take out only one electrode at a time. The VacPac sizes available are 3/4, 1/2 and 1/4 pack to optimize consumption during a shift. Electrodes exposed beyond above limits must be re-baked.

VacPac provides security and makes the welder's life easier; in offshore and pressure vessel fabrication, the petrochemical industry, the food processing industry and other applications where the prevention of cold cracking or porosity is crucial.

\*Valid at standard AWS test conditions of 26.7°C (80°F) and 80% RH.

\*\*Meets R classification as per AWS specifications.



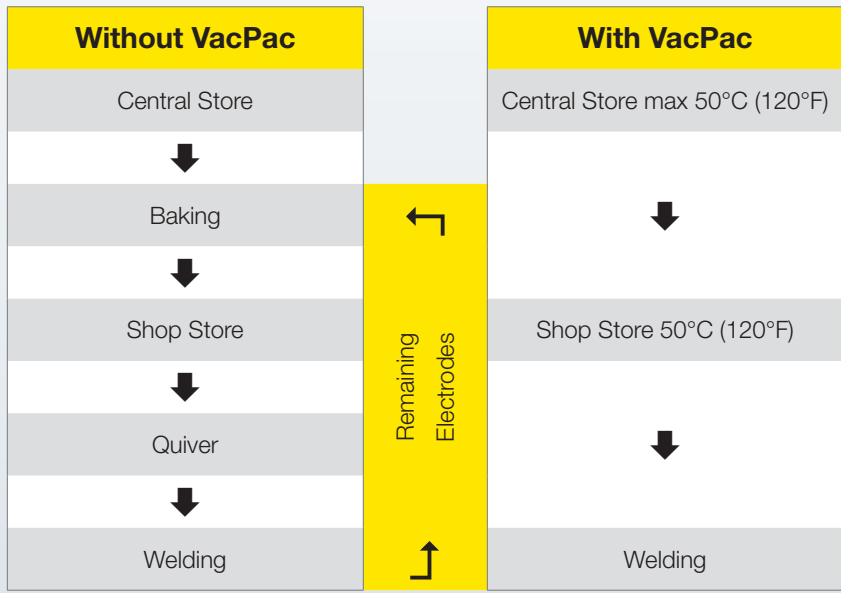
Area to note date and time of opening the VacPac.

Complete product information on label.

Ducted plastic box and aluminum foil can be separated for disposal and recycling. The plastic box only produces carbon dioxide and water when incinerated.

Plastic box protects the electrodes. It can be re-sealed for further use within the time intervals specified for ESAB VacPac electrodes.

**Simplified Storage and Handling for BIG Savings!**



- VacPac Advantages:**
- True 100% hermetically sealed package
  - Always factory fresh and dry electrodes
  - Cost savings through simplified storage and handling
  - Reduced risk of hydrogen cracking or porosity
  - Easier for welders to carry
  - Shift-based pack sizes available

**OPTIMAL SECURITY AND BIG SAVINGS ON STORAGE AND HANDLING**