

# HANNECOIL USER & MAINTENANCE MANUAL



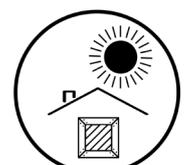
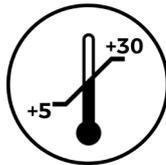
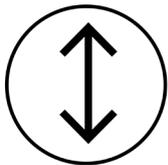
Hannecoil is an optimized range of solutions for elastic mandrel sleeves and wheels, used on uncoiler and coiler machines on conversion lines for metal strip products (steel, stainless steel, aluminium and non-ferrous materials).

The Hannecoil mandrel sleeves are highly technical products that require correct use, handling and maintenance in order to get the best results and lifetime.

## HANDLING & STORING

---

- Hannecard supplies the Hannecoil sleeves and wheels with a **protective packaging** (sunlight, humidity, shocks).
- In order to avoid permanent shape loss, we recommend to store the sleeves **in a vertical position**, except for sleeves with a lower thickness than 10 mm.

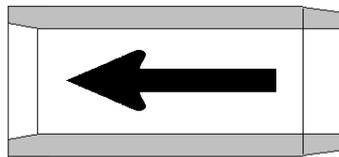


- Leave the protective packaging around the sleeves before usage. For storage during a longer period (> 3 months), protect the sleeve with paper and film to avoid ageing and loss of properties.
- Elastomers are sensitive to damage. Take care when handling the mandrel sleeves with a crane or forklift truck. A pin can be used to transport the sleeves by the inside.

## USING HANNECOIL ELASTIC SLEEVES

---

- Hannecoil elastic sleeves are calculated and designed to allow fitting over the (un)coiler mandrel in **shrunk (closed) position**.
- In order to avoid free rotation of the sleeve, the inside diameter of the sleeve will match as much as possible the outside diameter of the shrunk mandrel. This means that force is needed to mount the sleeve.
- We recommend the use of the coil car to mount the sleeve.
- The inside chamfer is intended to facilitate the positioning and mounting of the sleeve



- As the sleeves do not have a slot, coiler machines need to be equipped with a belt wrapper to insure the necessary grip and tension to start the coiling.
- The (un)coiler needs to have a stopper flange to block the sleeve.
- Hannecoil sleeves can be obtained with inside and/or outside grooves to improve grip on the mandrel and the coil.
- All Hannecoil sleeve types have an excellent resistance to oil, grease and kerosine and can be used to (un)coil oiled strip.
- Hannecard cannot be held responsible for injuries or damage as a consequence of the mounting and use of the elastic sleeves.

## CLEANING RECOMMENDATIONS

---

- All Hannecoil sleeve types can be cleaned with water, warm water (up to 50 °C), soap and detergents, most alcohol types, fuel-based cleaners, white-spirit and turpentine. Alkaline cleaners can be used up to 50 °C.
- The use of polar solvents like MEC, ethyl acetate and ether is not recommended and might degrade the elastomer. Also acid products and steam should be avoided.

**For more information,  
please contact the Hannecard Main Office at +32.55.23.76.30  
or your nearest Hannecard partner.  
[www.hannecoil.com](http://www.hannecoil.com)**