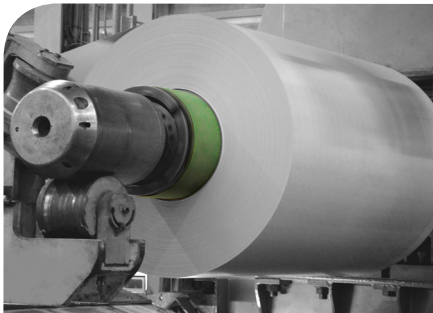


HANNECOIL

CUSTOM-MADE RUBBER AND POLYURETHANE ELASTIC MANDREL SLEEVES FOR THE ALUMINIUM, STEEL AND STAINLESS STEEL INDUSTRY

Hannecard, expert in rubber and polyurethane roller coverings and sleeves since 1929, also offers a wide range of custom-made elastic mandrel sleeves. Our mandrel sleeve solutions assure an excellent functionality and they also guarantee a long lifetime.



The **Hannecoil** rubber and polyurethane sleeves are recognized and used worldwide for their unique characteristics. Our mandrel sleeves are used to coil and uncoil rolled and coated steel and aluminium strip. At the same time they protect the sheet and ensure an excellent grip on the coil. Moreover, all our sleeves have outstanding expansion and shrinkage behaviour. Thanks to their elastic nature, they prevent scratches and marks on the strip.

Technical assistance

For your peace of mind, Hannecard guides its customer in the product selection process from the beginning: technical advice on choice of materials, hardness and dimensions, recommendations on exterior & interior finishing. Next to that, Hannecard calculates the deformation based upon customer traction values. Of course, once your sleeves are operational, Hannecard assures the follow-up of your sleeve performances & lifetime.

WHY USING MANDREL SLEEVES ?

- To assure grip
- To prevent or reduce coil damage
- To increase the coil inside diameter
- To protect the steel sheet
- To protect the mandrel mechanism from dust
- To make coil change-out quick & easy
- To eliminate head end breaks & mandrel marks
- To avoid marks on the first wrapping of the coil
- To minimize coil I.D. deformation
- to replace metal or plastic adapter parts

A wide range of possibilities

Our elastic rubber & polyurethane mandrel sleeves are applicable for all mandrel types and sizes. Available in thickness between 4mm & 120mm, the sleeves come in all possible finishes: smooth or rough, inside or outside bevels, with different groove patterns (for a better water & oil release) including diamond, spreader, axial, ...

Our rubber & polyurethane characteristics

The Hannecoil rubber and polyurethane solutions have particularly been developed for the usage of mandrel sleeves in the aluminum, steel and stainless steel industry. The specially designed formulations assure a **good shape stability** and **high mechanical resistance**. Our compounds possess **outstanding shrinking** and **expansion behavior** and have an **excellent resistance to protective oils and greases**.

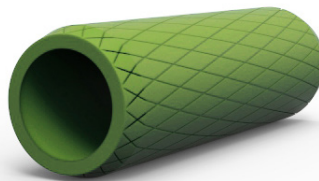
OUR ELSTOMER CHARACTERISTICS

- Good shape stability
- Good mechanical resistance
- Outstanding shrinking behaviour
- Outstanding expansion behavior
- Excellent resistance to oils & grease
- Permanent elasticity
- Perfect behavior in dilatation & shrinking
- High durability

Our Hannecoil solutions

Hannecard proposes 3 different technologies to help you optimise your machine performance and sleeve lifetime. Hannecard's solutions are both rubber and polyurethane based and include multi-layer options :

HANNECOIL-S



Standard option for unwinding and rewinding coils
Good cut & wear resistance



HANNECOIL-D



Preferred option for rewinding coils
Maximum reduction of coil damage (broken strip effect)
Good cut & wear resistance



HANNECOIL-XP



Preferred option for unwinding coils
Excellent cut & wear resistance



NEED MORE INFORMATION?

For more information about Hannecard or our products, please contact a Hannecard site near you or visit our website at : www.hannecard.com/hannecoil

Your advantages

- 1 Reduce scrap due to the inner-winding of the coil
- 2 Maintain friction between mandrel surface & sleeve
- 3 Eliminate head end breaks & marks
- 4 Avoid telescoping during winding
- 5 Improve grip between sleeve & coil