



# ROLL COVERING FOR THE METAL INDUSTRY

## MANDREL SLEEVES FOR COLD ROLLED & COATED STEEL STRIP

### Assure grip and prevent coil damage

Elastic mandrel sleeves are used to coil or uncoil cold rolled and coated steel strip. They assure an excellent grip on the coil and, thanks to their elastic nature, prevent scratches and marks on the strip. Furthermore, elastic sleeves are often used to increase the coil inside diameter.

We give you 4 good reasons for using Hannecard elastic mandrel sleeves :

#### STRONGLY RECOMMENDED FOR :

- Obtaining a **constant quality**
- **Lifetime improvement**
- Solving **grip problems**
- Reduction of **'broken-strip' defects**
- Solving **coil shape problems**
- Reduction of **sleeve deformation**
- Avoiding rapid **rubber deformation**

### 1. A product range unique in the market

All our solutions are characterised by an outstanding behaviour in expansion and shrinkage and by a good resistance to protective oils. An excellent functionality and long lifetime are assured.

| Solution                            | Hardness                      | Color       | Characteristics  |
|-------------------------------------|-------------------------------|-------------|--|
| <b>HanneCoil-S</b><br>Rubber        | 60, 70, 75, 80 and 85 shore A | Light green | <ul style="list-style-type: none"> <li>• Good shape-stability and mechanical resistance</li> <li>• Special solutions are possible: hybrid sleeves, multi-layer, multi-hardness...</li> </ul>   |
| <b>HanneCoil-XP</b><br>Polyurethane | 70 and 80 shore A             | Dark green  | <ul style="list-style-type: none"> <li>• Exceptional cut and wear resistance</li> <li>• Temperature resistance up to 60°C</li> </ul>   |
| <b>HanneCoil-D</b><br>Rubber        | 60 and 85 shore A             | Light green | <ul style="list-style-type: none"> <li>• Preferred option for rewinding coils</li> <li>• Multi-layer technology</li> <li>• Maximum reduction of coil damage (broken strip effect)</li> <li>• Good cut and wear resistance</li> </ul> |

### 2. Dimensional precision

- More than 30 mandrels available for the production of sleeves
- Narrow tolerances can be met on diameter, wall gauge and length

### 3. Technical support

- Technical advice as to the best suited material, hardness and dimensions
- Advice on interior and exterior finish specifications (chamfers, grooving etc.)
- Customer follow-up regarding the performance and lifetime

### 4. Our Solutions

- Hannecard elastic sleeves are the best possible solution in order to solve numerous coiling problems like lifetime improvement, grip problems between mandrel and sleeve or between sleeve and coil, 'broken strip'-phenomena and other strip defects, coil shape problems, sleeve deformation, rapid rubber degradation or tear.
- Our elastic sleeves are available in all possible finishes: diamond or spreader grooves, inside and outside grooving, rough surface finish, and much more.

#### MORE INFORMATION?

For more information, please contact your local Hannecard partner or visit our website at:

[www.hannecard.com](http://www.hannecard.com)