

# VELVET®

## THE ROLLER COVERING THAT PUTS AN END TO GRIP PROBLEMS

During the transformation of iron or steel products, the metal sheet surface is often wet or greasy. On those line positions, roller coverings require a continuous and high friction coefficient.



### TECHNICAL CHARACTERISTICS

- **Bi-component** material
- Contact temperature resistance: **up to 110°C**
- Surface hardness: **between 60 and 95 shore**
- Recommended thickness : **15 mm**

### THE GRIP PROBLEMS

The friction coefficient of the traditional with rubber or polyurethane covered rollers often slightly diminishes after a short functioning period, which causes multiple problems:

- Rapid reduction of the friction coefficient between rubber and strip
- Appearance of the 'micro-vibrations' phenomenon
- Heating of the rubber roll covering
- Slipping of the strip due to covering buffing
- More aggressive sheet sides
- Tearing out or cavity in the rubber

The Hannecard group has developed a whole scale of elastomers that enables us to meet these requirements (eg. *technical sheets RollMet-CR and Hannethane-CR*).

Just recently, the Hannecard group has just tuned up a new manufacturing technique which enables the recovering of rollers in VELVET®.

### APPLICATIONS

**VELVET®** is used within the field of steel, aluminium, copper and brass processing.

### THE ADVANTAGES

Technical Advantages	Economic Advantages
✓ Doesn't glaze	✓ Enables to increase line speeds
✓ Excellent grip, firm in time	✓ Longer life-time of the covered rollers
✓ No skidding	✓ Reduced maintenance cost
✓ Maintains sheet alignment	✓ Less waste
✓ Good mechanical holding	
✓ Good resistance to cut of sheet sides	

### MORE INFORMATION?

For more information, please contact your local Hannecard partner or visit our website at : [www.hannecard.com](http://www.hannecard.com)