



ROLLER COVERING FOR THE METAL INDUSTRY

COLOUR COATING & CHEMCOATING

The evolution towards value added strip products (steel, aluminium or other non-ferrous materials) has caused an increased importance of coil coating applications.

Furthermore, the use of coating machines has become the preferential technique to apply “chemical” coatings, such as passivation and pre-treatment products or water-based coatings.

YOUR REQUIREMENTS

- **Constant quality**
- **Very high purity and homogeneity**
- **Chemical resistance**
- **Cut-in resistance**
- Surface properties for **improved transfer and the application of the coating**
- Easy to **grind**

The heart of the coil coating machine, used to apply liquid coatings, consists of the applicator roller, which is elastomer covered. This roller has a crucial impact on the quality of the coated product.

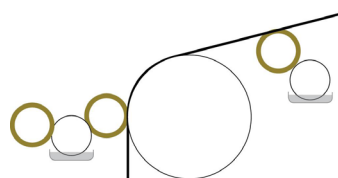
The Hannecard Group has become a specialist throughout Europe and even worldwide, thanks to the development of a superior covering

concept, including technologies and compounds that assure an important improvement of the coil coating process.

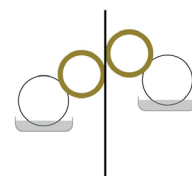
Hannecard also provides long lasting solutions for the pick-up rollers, based on the unique HVAF thermal spray technology.

THE ADVANTAGES OF MONKAL®

- **Unique casting technology** in vertical position
- **Double filtering**
- **Very high purity**
- **Special formulations** for colour coating and chemcoating
- Silky surface, **easy to grind**
(Ra roughness values between 0,4 and 3,5 µ)
- Surface tension properties that improve the spreading and transfer of the coating
- Available hardness: 15 - 70 shore A



Double side colour coating



Double side chemcoating

Solution	Type	Characteristics	Applications
Monkal-4®	Sand colour * 40-65 Shore A Polyurethane	<ul style="list-style-type: none"> • Opaque polyurethane • Vertical casting • Outstanding wettability 	Solvent and water based varnishing and coating - Chemical coating - Specifically recommended for coating on aluminium
Monkal-5®	Green* 15-70 Shore A Polyurethane	<ul style="list-style-type: none"> • Transparent polyurethane • Vertical casting • Improved abrasion resistance 	Colour coating and varnishing - Specifically recommended for chemical coating and for high-speed coating
Monkal-5 HP®	Blue* 55 Shore A Polyurethane	<ul style="list-style-type: none"> • Transparent polyurethane • Vertical casting • Outstanding abrasion and cut-in resistance 	Recommended for long production runs without changing the applicator roller - Extended lifetime
Monkal-5 AS®	Blue* 50-60 Shore A Polyurethane	<ul style="list-style-type: none"> • Transparent polyurethane • Vertical casting • Antistatic 	Solvent-based coating with fire risk
MultiCoat-SB	Green 35-75 Shore A Rubber	<ul style="list-style-type: none"> • High purity and homogeneity • Excellent wettability • Excellent resistance to acid solutions • Excellent resistance to polar solvents 	Varnishing, colour coating and chemical coating, based on water and polar solvents
MultiCoat-XP	Green 50-60 Shore A Rubber	<ul style="list-style-type: none"> • High purity and homogeneity • Excellent abrasion, tear and cut-in resistance • Good acid resistance 	Water based chemical coating

* Other colours upon request

RELATED DOCUMENTS

- Solutions - **'Steel, Stainless Steel & non ferrous coils'**
- Solutions - **'Management of Mechanics'**
- Solutions - **'Cleaning & Degreasing'**
- Product information - **'Elastic Sleeves'**

MORE INFORMATION?

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

www.hannecard.com