



## ROLLER COVERING FOR THE TEXTILE INDUSTRY **TECHNICAL TEXTILES COATING & NON WOVEN**

Today, essential requirements for textile roller coverings are the chemical resistance and the preciseness of the applied covering.

Furthermore, the covering's durability is a key element for you as a customer in your strive to increase cost-effectiveness.

### ALWAYS AT YOUR SERVICE!

- Full mechanical maintenance on Küsters S rolls
- Full mechanical maintenance on curved spreader rolls, including new rolls
- Mechanical repair & maintenance on your rolls
- New rolls

At Hannecard, we do our utmost to help you reach this goal. Worldwide industry leading manufacturers today rely on Hannecard's skilled sales and technical staff. They guide your rollers through every production stage, while maintaining the highest manufacturing standards.

Through our plants in Europe, India and China, we supply solutions developed in cooperation with the most innovative OEM's within the textile industry. This as well within the area of weaving, wet finishing, heat set finishing coating as non-woven applications.

Technical textiles are characterized by critical finishing processes such as coating, laminating and varnishing. The covered rolls play an important role in this. Resistance to chemistry, temperature and pressure are essential here.

Technical textiles include automotive and medical applications, geo- and agro-textiles and protective clothing. Properties such as fire retardant, waterproof, luminous and heat-insulating are achieved through very high-quality processes.

Non-woven such as felt and fleece are used as reinforcement material in many areas such as hygiene, filtration, chemical-resistant and décor.

Hannecard is constantly developing new coverings to meet the requirements of these rapidly evolving processes.

## COATING, VARNISHING AND IMPREGNATION

Solution	Hardness	Colour	Properties & Applications
<b>Multicoat SB</b> <b>Multicoat SB-AS</b>	35, 45, 55, 60, 65, 75, 80 Shore A	Green/Black (AS)	<ul style="list-style-type: none"> <li>• Applicator rollers for coating and varnishing</li> <li>• Backing rolls for PVC-impregnation</li> <li>• Good mechanical properties</li> <li>• Excellent resistance to polar solvents (MEK, acetates, alcohols...)</li> <li>• Very good wetting and transfer properties</li> <li>• Pure and homogeneous</li> <li>• Easy to grind and rework</li> <li>• AS = Antistatic version (black)</li> </ul>
<b>Monkal-5</b>	60, 65, 70 Shore A	Green	<ul style="list-style-type: none"> <li>• Backing rolls for PVC and plastisol impregnation</li> <li>• Very good chemical resistance to plasticisers</li> <li>• Very high purity</li> <li>• High mechanical strength and abrasion resistance</li> <li>• Easy to grind (also on machine)</li> </ul>
<b>Hannestar</b>	65, 75 Shore A	Beige	<ul style="list-style-type: none"> <li>• Backing rolls for polyurethan impregnation</li> <li>• Very good chemical resistance</li> <li>• High mechanical strength and abrasion resistance</li> <li>• Easy to grind (also on machine)</li> </ul>

## LAMINATION & CALENDERING

Solution	Hardness	Colour	Properties & Applications
<b>Hannestar</b>	65, 75, 80, 85, 90 Shore A	Beige	<ul style="list-style-type: none"> <li>• Laminator rolls for cold lamination</li> <li>• Excellent oil resistance</li> <li>• Good mechanical properties – good elastic behaviour</li> <li>• Non-staining in contact with delicate substrates</li> <li>• Good, stable grip in contact with most substrates</li> </ul>
<b>Hannethane-HP</b>	70, 80, 90 Shore A	Green, Red	<ul style="list-style-type: none"> <li>• Laminator rolls for cold lamination</li> <li>• Excellent oil resistance</li> <li>• Excellent mechanical properties – very low dynamic fatigue</li> <li>• Non-staining in contact with delicate substrates</li> <li>• Good, stable grip in contact with most substrates</li> </ul>
<b>Resistoplast</b>	45 to 98 Shore A	Green, Blue	<ul style="list-style-type: none"> <li>• Lamination and calendering</li> <li>• Resistant up to 125 °C</li> <li>• Excellent mechanical properties, resistant to damage</li> </ul>
<b>HanneTop-L</b>	70, 80, 95 Shore A	Green	<ul style="list-style-type: none"> <li>• High temperature lamination and calendering</li> <li>• Resistant up to 150 °C</li> <li>• Excellent mechanical properties, resistant to damage</li> </ul>
<b>Vulcan</b>	60, 70, 80 Shore A	Red	<ul style="list-style-type: none"> <li>• High temperature lamination and calendering</li> <li>• Resistant up to 250 °C</li> <li>• Very glue-resistant and non-sticky, especially in contact with hot glue</li> <li>• Improved stability of the “nip” under high load, compared to other silicone coatings</li> </ul>

## DYEING AND DRESSING

Solution	Hardness	Colour	Properties & Applications
<b>Verotex</b>	45 to 90 Shore A	Green	<ul style="list-style-type: none"> <li>• Intermediate and end press foulards – specifically suitable for coating, paint and dressing foulards</li> <li>• Suitable for Küster S-rollers</li> <li>• Homogeneous dyeing over the entire product width</li> <li>• Good resistance to most chemicals</li> <li>• Slows down pollution from silicates</li> <li>• Easy to clean between 2 campaigns</li> <li>• Very good abrasion and aging resistance, excellent service life with consistent quality</li> <li>• Non-staining</li> </ul>

## MECHANICAL ROLLS, SIZING AND WINDING

Solution	Hardness	Colour	Properties & Applications
<b>HanneStar</b> <b>HanneStar-AS</b>	65 to 90 Shore A	Beige/ Black (AS)	<ul style="list-style-type: none"> <li>• Feed rollers for fleece and non-woven, rolls for cutting and winding</li> <li>• Excellent oil resistance</li> <li>• Very good mechanical properties</li> <li>• Non-staining in contact with delicate substrates</li> <li>• Good, stable grip in contact with most substrates</li> <li>• AS = Antistatic version (black)</li> </ul>
<b>HanneStar-CR</b>	70, 85 Shore A	Grey	<ul style="list-style-type: none"> <li>• Feed and transport rollers for fleece, when high grip is required</li> <li>• Increased, permanent roughness</li> </ul>
<b>HanneTech</b> <b>HanneTech-AS</b>	35 to 90 Shore A	Grey / Black (AS)	<ul style="list-style-type: none"> <li>• Feed, take-along and take-off rolls of the fleece line</li> <li>• Very good chemical resistance to polar solvents</li> <li>• AS = Antistatic version (black)</li> </ul>
<b>Hannethane</b> <b>Hannethane-AS</b>	40 to 95 Shore A	Blue / brown / Black (AS)	<ul style="list-style-type: none"> <li>• Feed rollers for fleece and non-woven, rollers for cutting and winding</li> <li>• Excellent oil resistance</li> <li>• Excellent mechanical properties – very high resistance to cutting and abrasion</li> <li>• Non-staining in contact with delicate substrates</li> <li>• AS = Antistatic version (black)</li> </ul>
<b>Hannethane-CR</b>	60 to 90 Shore A	Blue / Brown	<ul style="list-style-type: none"> <li>• Feed and transport rollers for fleece, when high grip is required</li> <li>• Very high abrasion resistance</li> <li>• Increased, permanent roughness</li> </ul>

### MORE INFORMATION?

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