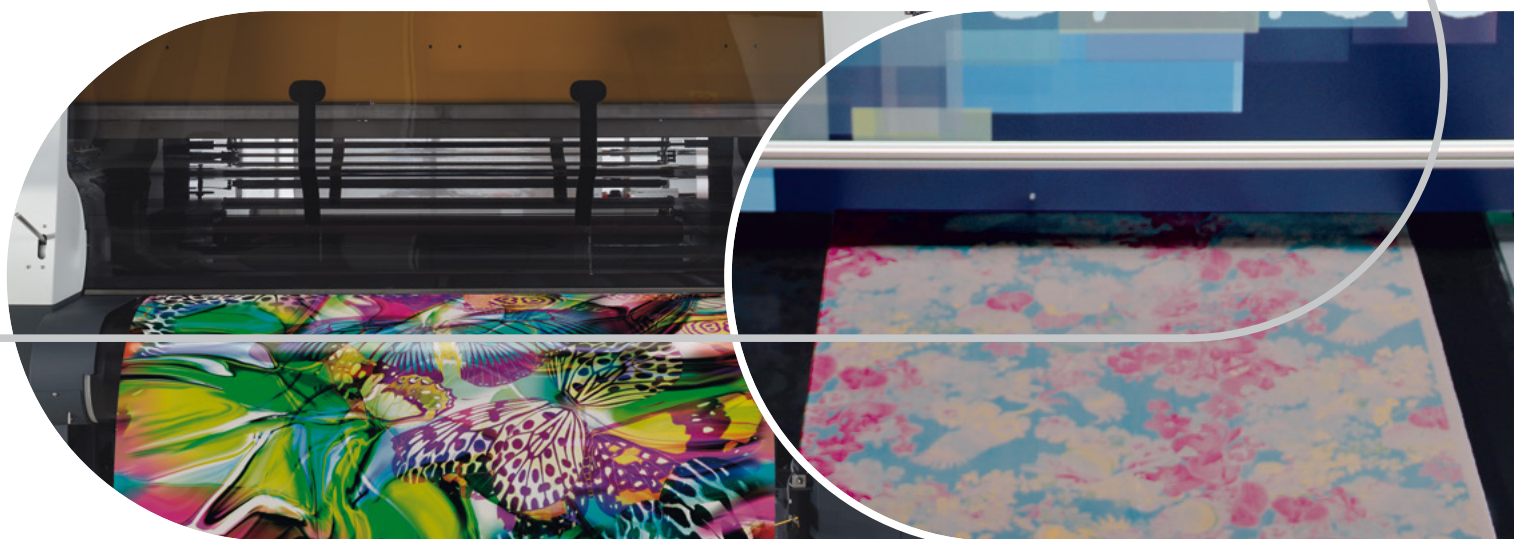


## High Precision in Textile Printing with ENU-55AXBY Premium Printing Blanket



The ENU-55AXBY is the latest evolution of Habasit's Premium Line Printing Blanket range. With its strong aramide traction layer and asymmetrical belt design it reaches a new level of repeat accuracy.

- Low positioning of the tensile member close to the running side results in minimal fluctuation of the neutral line
- Advanced fabric design, high weft stiffness, and elevated transversal stability lead to stable and reliable tracking
- High modulus of elasticity
- Dimensional stability

Together, these features deliver a consistently high level of accuracy that ensures precise and consistent printing results for digital and flat bed printing.

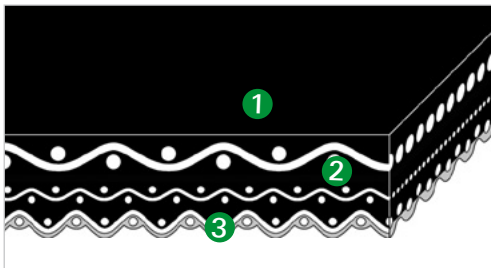
# High Precision in Textile Printing with ENU-55AXBY Premium Printing Blanket

## Developed for excellence

Habasit has developed the new ENU-55AXBY based on years of experience, ongoing research, close contact with the textile industry, and long-term partnerships with leading textile digital printing machine manufacturers to reach the best technical solution and highest value for the customer.

Key features	Your benefits
<ul style="list-style-type: none"> <li>• Low deviation of neutral layer</li> </ul>	<ul style="list-style-type: none"> <li>• High printing repeat accuracy</li> </ul>
<ul style="list-style-type: none"> <li>• High modulus of elasticity</li> </ul>	<ul style="list-style-type: none"> <li>• Low elongation of the belt, even at long print foots</li> <li>• Stable running of the belt</li> </ul>
<ul style="list-style-type: none"> <li>• High transversal stiffness</li> </ul>	<ul style="list-style-type: none"> <li>• Reliable tracking of the belt</li> <li>• No cupping of the belt edges</li> </ul>
<ul style="list-style-type: none"> <li>• Outstanding non-adhesive TPU material</li> </ul>	<ul style="list-style-type: none"> <li>• Scratch resistant behavior</li> <li>• High resistance to solvents</li> <li>• Long service life</li> </ul>
<ul style="list-style-type: none"> <li>• Durable impregnation on running side fabric</li> </ul>	<ul style="list-style-type: none"> <li>• Smooth running of the belt</li> <li>• Long service life</li> </ul>
<ul style="list-style-type: none"> <li>• Flexproof joining of the belt</li> </ul>	<ul style="list-style-type: none"> <li>• No marking or aging of joining area</li> <li>• Quick on-site joining</li> </ul>

## Cross-section



- 1 Conveying side: Thermoplastic polyurethane (TPU)
- 2 Traction layer: Aramid fabric
- 3 Running side: Impregnated fabric

## Technical key data

Thickness		Tensile force for 1% elongation (relaxed)		Number of fabrics	Lateral weft stiffness		Pitch line (neutral phase pos.)	
mm	inch	N/mm	lbs/inch		N/mm	lbs/inch	mm	inch
2.3	0.09	26	148	2 plies PET / 1 traction layer aramide fabric	800	7.11	0.5 +/- 0.05	0.02 +/- 0.002

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

Habasit AG  
CH-4153 Reinach-Basel  
Phone: +41 61 715 15 15  
Fax: +41 61 715 15 55  
E-mail: [info@habasit.com](mailto:info@habasit.com)

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