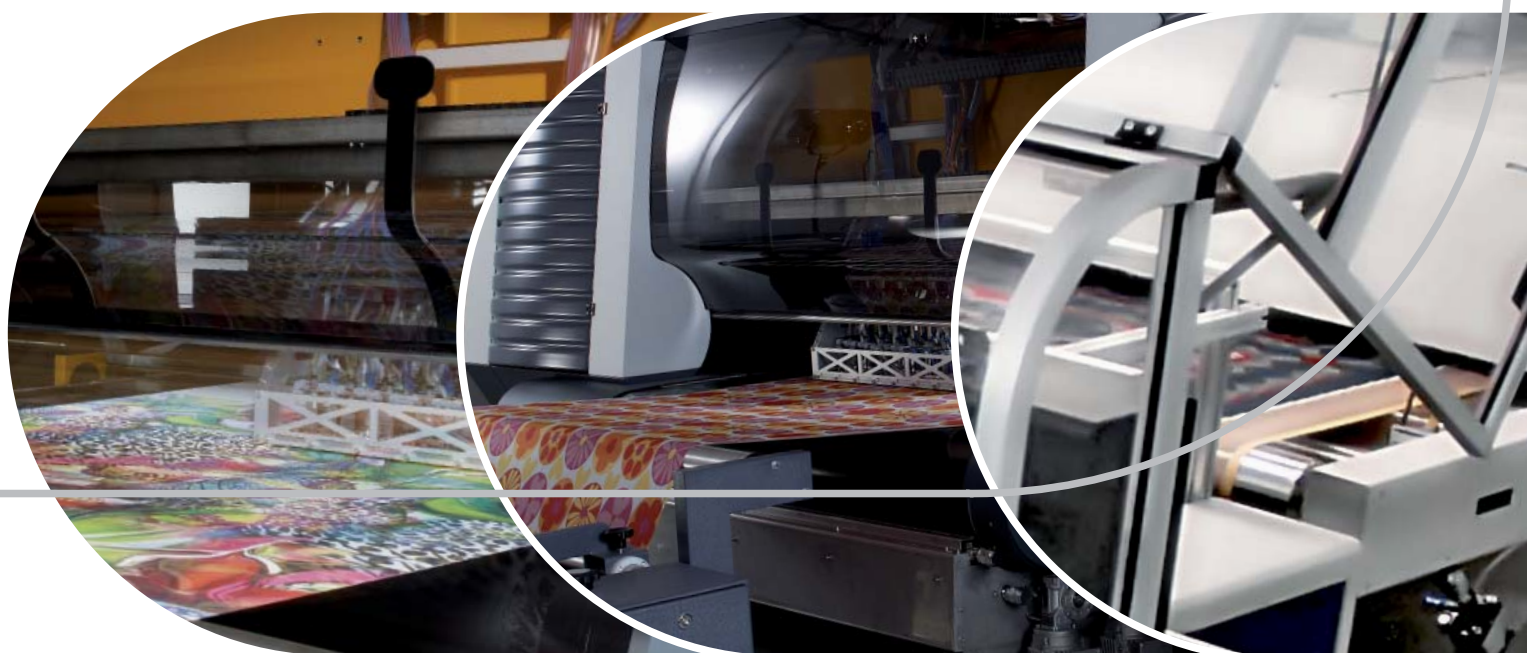


Printing Blankets for Digital Textile Printing

Habasit – Solutions in motion



Partner to the digital textile printing industry

Habasit is the world's leading conventional printing blanket manufacturer. Our top-quality, innovative products are used for high-production machines, basic machines, and continuous digital printing technologies.

Habasit's product range extends from PVC to polyester and aramide TPU printing blankets, and sets global standards for outstanding quality, ease of installation, high printing accuracy, and excellent cost/value ratios.

Leading machine manufacturers and end-user textile printers all over the world choose Habasit printing blankets for their original equipment and for replacements.

Innovation is key at Habasit

Our extensive product range enables you to select the best printing blankets for your applications, and to keep up with the latest requirements.



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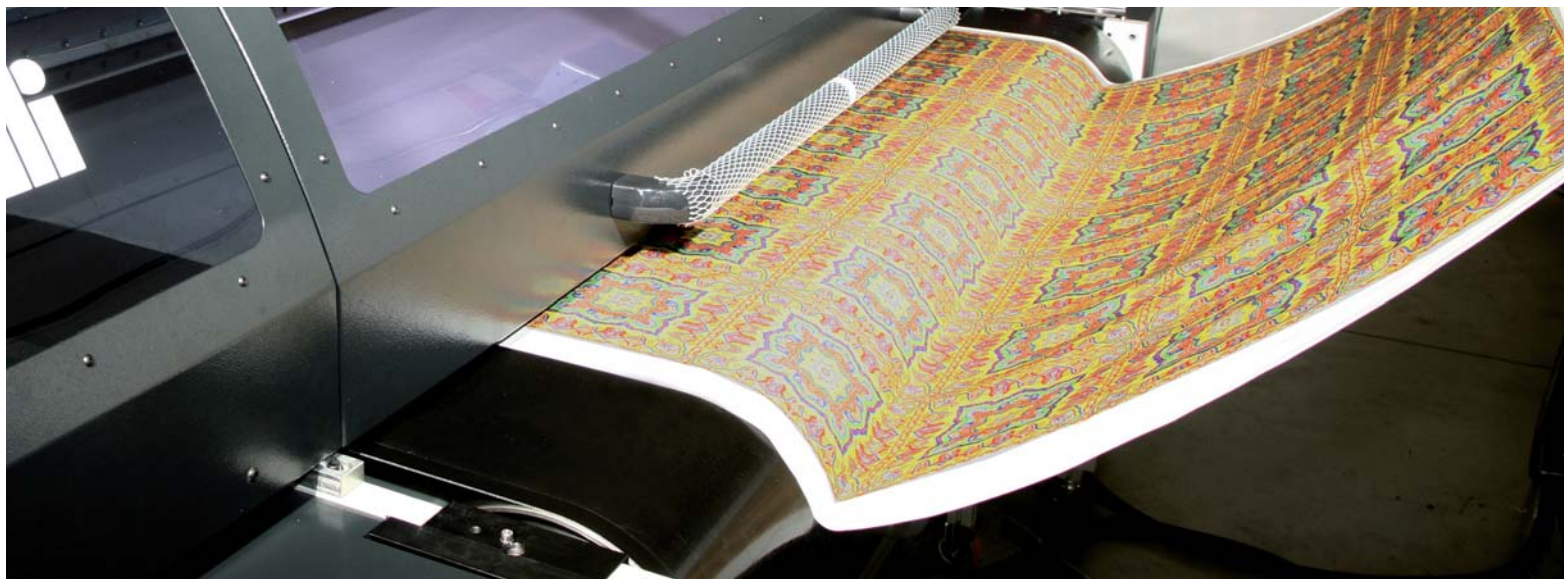
Habasit's extensive knowledge of textile printing has been acquired through decades of working with market leaders and companies of all sizes in the industry. Based on this, we have now established a new product range to meet the needs of today's fast-developing digital textile printing technology.

We offer a comprehensive range of printing blankets that ensures optimal printing results and excellent cost/value ratios for basic applications.

Satisfied customers

Leading digital textile printing machine manufacturers rely on Habasit products:

- F.lli Robustelli s.r.l.
- Hangzhou Saishun Mechanical and Electrical Equipment Co. Ltd.
- MS Printing Solutions
- Reggiani Macchine S.p.A.
- SPG Prints
- Zimmer Maschinenbau AG



	NHM-10EKBV 11	NHU-8EEAV 11	NHB-10EKBV 11	SNB-18E 07	H-5EFGT	H-6EHDT	HNB-8E	PB-2418	ENU-20EXBD	ENU-50AXBD
Digital printing machines										
Basic printer Printed fabric width up to 1,800 mm Production up to 60 m ² /h	●	●	●	-	○	○	-	-	-	-
Advanced printer Printed fabric width up to 2,200 mm Production up to 300 m ² /h	-	-	-	-	○	●	●	○	○	-
High-production printer Printed fabric width up to 3,600 mm Production up to 1,000 m ² /h	-	-	-	-	-	○	○	●	●	●
Continuous printing machines	-	-	-	-	-	-	-	○	●	●
Other printing machines	-	-	-	●	-	-	-	○	○	-

- Appropriate
- Alternative
- Inappropriate or inconvenient

Technical data	Thickness		Mass of belt (belt weight)		Tensile force for 1% elongation (k _{1%} static)*		No. of fabrics	Production width	
	mm	inch	kg/m ²	lbs./sq.ft	N/mm	lbs/in		mm	inch
NHM-10EKBV 11	2.10	0.08	2.5	0.51	11.0	63	2	3,000	118
NHU-8EEAV 11	2.00	0.08	2.3	0.47	9.0	51	2	3,000	118
NHB-10EKBV 11	2.10	0.08	2.5	0.51	11.0	63	2	3,000	118
SNB-18E 07	3.30	0.13	3.9	0.8	18.0	103	3	3,200	126
H-5EFGT	1.20	0.05	1.4	0.29	9.0	51	2	4,000	157
H-6EHDT	1.70	0.07	1.7	0.35	6.0	34	2	4,000	157
HNB-8E	1.60	0.06	1.8	0.37	7.5	43	2	4,000	157
PB-2418	2.00	0.08	2.1	0.43	16.0	91	2	4,000	157
ENU-20EXBD	2.15	0.08	2.3	0.47	18.0	103	2	4,000	157
ENU-50AXBD	2.30	0.09	2.6	0.53	42.0	240	3	4,000	157

*Established according to EN ISO21181

Materials and belt types	Key features	Your benefits
Light PVC, 2-plies		
NHM-10EKBV 11 NHU-8EEAV 11 NHB-10EKBV 11	Non-adhesive, even, homogeneous, and flat PVC surface structure	→ Efficient and trouble-free printing → Good lateral stiffness → Good stability → Good resistance to solvents
	Flexproof joining method	→ Quick on-site joining, easy installation → No marking or aging of joining area → Low service costs
Heavy and robust PVC, 3-plies		
SNB-18E 07	Non-adhesive, even, homogeneous, and flat PVC surface structure	→ Efficient and trouble-free printing → Good lateral stiffness → Good stability → Good resistance to solvents
	Flexproof joining method	→ Quick on-site joining, easy installation → No marking or aging of joining area → Low service costs → For applications requiring strong belts and/or damping behavior
Light TPU top coated		
H-5EFGT H-6EHD HNB-8E	Non-adhesive, smooth TPU surface material	→ No surface damage → Reduced aging of TPU surface → Long service life → Good resistance to solvents
	Even, homogeneous and flat surface structure	→ Efficient and trouble-free printing → Good stability
	Flexproof joining method	→ Quick on-site joining, easy installation → No marking or aging of joining area → Low service costs
Light polyester printing blanket		
PB-2418 ENU-20EXBD	High-grade non-adhesive TPU surface material	→ No surface damage → Reduced aging of TPU surface
	Even, homogeneous and flat surface structure Uniform thickness	→ High lateral stiffness → No edge cupping → Straight run → Uniform printing accuracy
	Flexproof joining method	→ Quick on-site joining, easy installation → No marking or aging of joining area → Low service costs
Aramide printing blanket		
ENU-50AXBD	High-grade non-adhesive TPU surface material	→ No surface damage → Reduced aging of TPU surface
	Even, homogeneous and flat surface structure	→ High lateral stiffness, no edge cupping → Straight run → High and uniform printing accuracy
	Flat and high transversal rigidity Aramide fabric traction layer	→ Excellent printing blanket stability → Very precise, neutral layer positioning → High repeat accuracy
	Flexproof joining method	→ Quick on-site joining → No marking or aging of joining area → Low service costs

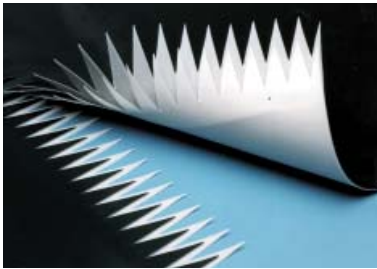
Installation

Habasit provides tailor-made printing blankets all around the world. They are either prepared for hot pressing on site, or are already joined endless to the required dimensions.

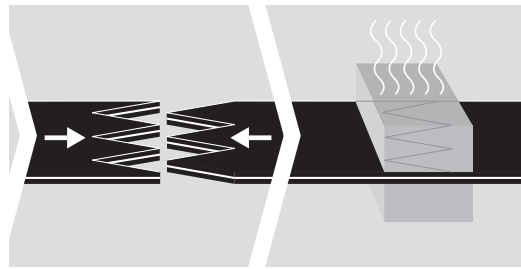
Our simple and rapid Flexproof joining method uses up-to-date fitting equipment and allows on-site splicing to achieve reliable, high-quality belt joints. State-of-the-art fabrication tools support the preparation and splicing of the printing blanket on every type of machine anywhere in the world.

Flexproof

Prepared ends



Hot-press splicing



Pressing device, open



Services

Comprehensive services are central to Habasit's belting solution approach. As committed partners to our customers, we are dedicated to sharing our knowledge and to providing full support.



Comprehensive consulting and technical support

Habasit offers the best consulting and technical support on the belting market. Everything revolves around our customers and each affiliate has its own belting experts. The Habasit team is proud to provide the highest levels of support together with top-quality products that have been leaders on the global market for decades.



Fabrication, assembly and local installation services for quick reaction times

We make belts endless or assemble modular belts or chains, either at our own locations or on-site directly on your machine or system. Habasit operates over 30 affiliated companies worldwide, each with its own inventory, fabrication, assembly and service facilities. Together with our representative offices and numerous qualified distributors, we can react quickly, competently and reliably to satisfy all your demands.



Customer training programs

Habasit offers training programs and provides support tools to ensure optimal use of our products and to prolong their lifetimes. Training on fabrication, installation, assembly, maintenance and belt repair takes place at Habasit sites or at your location.



Belt monitoring, inspections, analyses and process optimization proposals

We organize and handle belt maintenance, inspections, analyses and surveys for your locations. On request we will also work with you to develop optimization proposals, for example, to achieve added value from the machinery or process output.



Customers first

At Habasit we understand that our success depends on your success. This is why we offer solutions, not just products; partnership, not just sales. Since our foundation in 1946, Habasit has brought this understanding of customer needs to life every day and for every application. That's why we're the No. 1 in belting today. Worldwide. Learn more on www.habasit.com

Committed to innovation

Because our customers' belting challenges and needs never cease, we consistently dedicate a substantial percentage of our employees and resources to the research and development of new products and solutions.

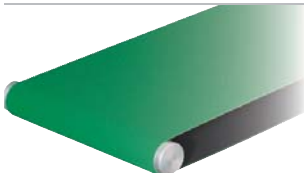
Certified for quality

We deliver the highest quality standards not only in our products and solutions, but also in our employees' daily work processes. Habasit AG is certified according to ISO 9001:2008.

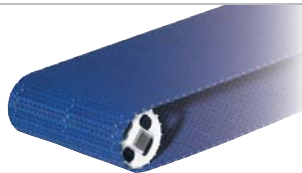


Worldwide leading product range

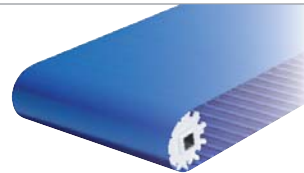
Habasit offers the largest selection of belting, conveying, processing and complementary products in the industry. Our response to any request is nothing less than a specific, tailor-made solution.



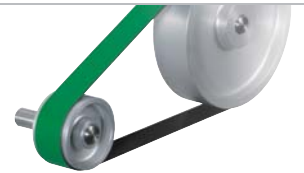
Fabric-based conveyor and processing belts
HabaFLOW®



Plastic modular belts
HabasitLINK®



Positive drive conveyor and processing belts
Habasit Cleandrive™



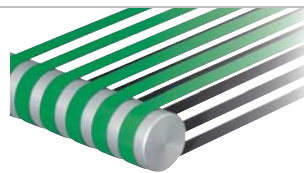
Power transmission belts
HabaDRIVE®



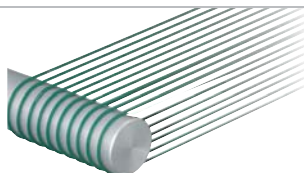
Timing belts
HabaSYNC®



Chains (slat and conveyor chains)
HabaCHAIN®



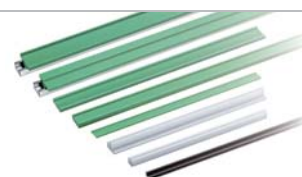
Machine tapes



Round belts



Seamless belts



Profiles, Guides, Wear strips
HabiPLAST®



Fabrication tools (joining tools)



Gearmotors
Electric motors
Motion control

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Rossi is one of Europe's largest manufacturers of gear reducers, gearmotors, inverters, standard and brakemotors, and is a member of the Habasisit Group.

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If the proper selection and application of Habasisit products are not recommended by an authorized Habasisit sales specialist, the selection and application of Habasisit products, including the related area of product safety, are the responsibility of the customer.

All indications and information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.

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