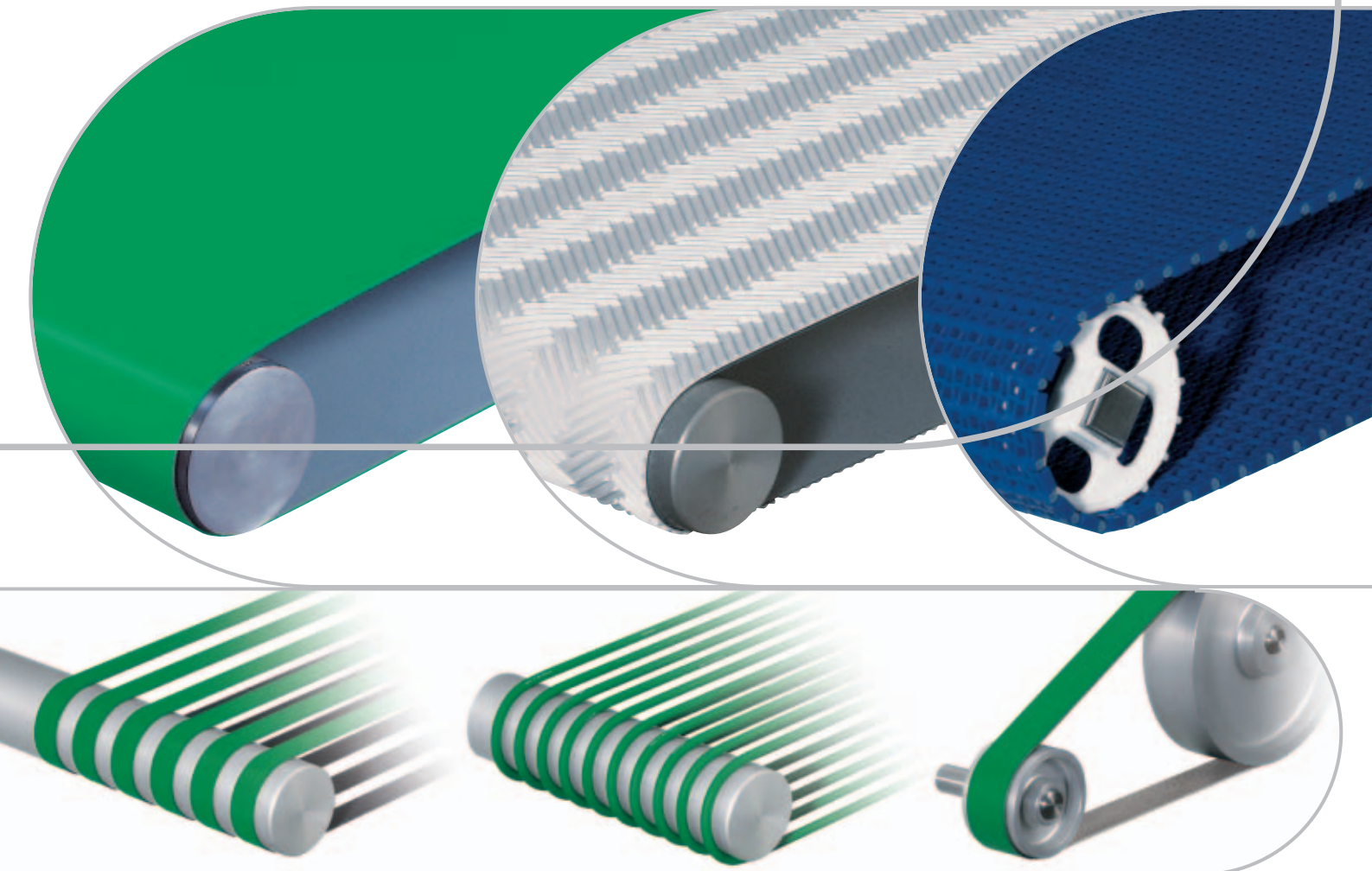


Products
4016



Habasit Product range

Habasit – Solutions in motion



Statement regarding contents/completeness
 This brochure contains all products which are generally available within the entire Habasit Group. Stock availability may, however, sometimes vary.
 For country-specific needs some Habasit Affiliated Companies offer additional products within their product portfolio.
 As the development of products, continuous improvements and daily application experiences are dynamic processes, latest developments/products might not yet be presented in this brochure.

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Product range	Product group	
Conveyor belts (fabric)	TPU food conveyor and processing belts	Habasit offers an extensive food conveyor- and processing-belt line with a high quality coating of Thermoplastic Polyurethane (TPU) for all of today's food processes. TPU belts offer ultimate performance and a superior life span. They are made from premium raw materials in widths up to 4 meters seamless using state-of-the-art processes.
	PVC conveyor and processing belts	The PVC belt line has been developed as general purpose conveyor belting for many different applications. A variety of surface finishes is available with different degrees of hardness and various colors. The range offers an excellent price-to-value ratio.
	TPO conveyor and processing belts	The Cleanline® range of conveyor belts makes use of the food polymer Hablene, modified by Habasit. Cleanline® products were specially developed for food processing using state-of-the-art design. The P-line range of conveyor belts combines the advantages of Hablene with the robust construction typically used for processing belts in tobacco (cigarettes) plants.
	Extraline conveyor and processing belts	Extraline processing belts in widths of up to 4 meters seamless are intended for demanding applications such as those found in the textile printing, nonwoven, wood and materials-handling industries. They are made of superior raw materials using proven production processes.
	Solid woven conveyor and processing belts	Habasit Solid woven belts combine different yarns in the most durable way. Multi-layer construction offers different degrees of air-permeability. The type of weave determines the best choice regarding release properties with various types of foodstuffs.
	Nonwoven conveyor and processing belts	Non-woven belts differ in many ways from fabric-based belts. They consist of a fleece reinforced with a scrim fabric that is located in the center of the belt. This construction offers new features with regard to the generation of noise, damping effects and wear on the edges.
	High duty conveyor and processing belts	Habasit's high-duty conveyor belt line with a long track record of success is made up of products for use in specialized applications that involve extreme chemical, mechanical or abrasive conditions. These versatile belts are used primarily in the paper-processing, textile, wood, metal and materials-handling industries.

Product range	Product group
Folder-gluer belts	<p>Polyamide folder-gluer belts</p> <p>Polyester folder-gluer belts</p>
	<p>The design and production of Habasit's Folder-gluer belts is based on many years' experience in polyamide and fabric traction-layer products. The belts fulfill all the requirements of the newest processes in box folding.</p>
Machine tapes	<p>Polyamide machine tapes</p>
	<p>Habasit's extensive range of polyamide machine tapes manufactured with abrasion-resistant NBR covers or other application-oriented cover materials provides the industry with effective and comprehensive belting solutions. Their traction layers are highly resilient and can cope with intermittent overloads which prevents any residual elongation. This makes re-tensioning unnecessary and costly, time consuming machine downtimes can be avoided.</p>
	<p>Hamid machine tapes</p>
	<p>Habasit's extensive range of Hamid machine tapes manufactured with abrasion-resistant NBR covers or other application-oriented cover materials provides the industry with effective and comprehensive belting solutions.</p> <p>Hamid machine tapes have a design that allows the tape to be joined quickly by fusing the ends together without using adhesives. This results in a superior product with uniform properties over the whole length and provides significant cost savings in terms of maintenance and reduced downtimes.</p>
Power transmission belts	<p>Polyamide power transmission belts</p>
	<p>Our complete range of Polyamide power transmission belts is known for its reliability and long service life in the most demanding power transmission applications. Their traction layers are highly resilient and can cope with intermittent overloads which prevents any residual elongation.</p>
	<p>Polyester power transmission belts</p>
	<p>For many years Habasit has been gaining experience with polyester products in various industries and applications. The result is a new product range with an outstanding price-to-value ratio and is the first choice of textile OEMs worldwide.</p>
	<p>Aramid power transmission belts</p>
	<p>TF-Tangential/flat belts are used for future-oriented and extremely compact driving configurations at very high speeds. Aramid power transmission belts are highly appreciated in the market due to their high efficiency, energy saving features and high power transmission. They run at a very low initial working tension with little noise. Aramid belts have greater dimensional stability, which saves time during installation, reduces maintenance work and guarantees a long service life for the belt.</p>

Product range	Product group
Round belts	<p>Habicoord round belts</p>
	<p>Habicoord round belts are highly flexible, elastic and are able to flex in any direction. Habicoord belts offer various surface structures, are simple to join and have a long lifetime.</p>
	<p>Polycord round belts</p>
	<p>Polycord round belts are highly flexible, elastic and are able to flex in any direction. Thanks to high quality TPU Polycords are simple to join, have low creep and an extended lifetime.</p>
Spindle tapes	<p>Polyamide spindle tapes</p>
	<p>Habasit offers a wide range of spindle-tape ring spinning and twisting machines; for one-spindle, two-spindle and four-spindle drive systems with one or two jockey pulleys.</p>
	<p>Polyester spindle tapes</p>
	<p>Habasit spindle tapes set the standard and our broad product range offers the right solution for every application and customer requirement. Spindle tapes can also be used in many applications outside the textile industry.</p>
Seamless belts	<p>Rubber coated seamless belts</p> <p>Traditional seamless belts</p>
	<p>Without a splice or seam, our seamless belts offer superior performance and maximum design flexibility with the following key features: vibration free, flexible, bidirectional, high speed and more.</p>
Modular belts	<p>Straight belts</p> <p>Radius belts</p>
	<p>Based on Habasit's comprehensive knowledge and the leadership position in traditional fabric belting, we have developed the HabasitLINK® modular belt range. This state-of-the-art product line completes our offer as a single source supplier and partner for your success. Plastic modular belts are used successfully in a wide range of industries like meat, poultry, fish, fruits, vegetables, bakery, snacks, beverage and bottling, materials handling, paper and cardboard, tires, automotive, and many more.</p>
V-belts	<p>Habipur</p>
	<p>Habipur V-belts are used as conveyor elements. A variety of shapes and designs are available, such as V-shaped or crested profile shaped belts, some of them reinforced.</p>

Remark
 All data are approximate values under standard conditions 23 °C/73 °F 50% relative humidity (DIN 50005/ISO 554), and are based on the Habasit Master Joining Method

Product Group	Product Sub-Group	Belt Type	Technical Data														Joining System	Product Construction/Design				Admitted for food transport			Chemical Resistance Class													
			Thickness	Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1 % static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1 % relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width			Material	Surface	Property	Color		Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73				
TPU food conveyor and processing belts	Food conveyor belts	FAB-2E	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Conveying Side	Blank/ smooth	Adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6			
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Standard															
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in			Blank/ smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	Conformable	•	6		

• YES
- NO

Product Group	Product Sub-Group	Belts Type	Technical Data												Joining System	Product Construction/Design				Adapted for food transport			Chemical Resistance Class											
TPU food conveyor and processing belts	Food conveyor belts	FMB-9E FMB-12E FMB-5EQ FMB-6EZWT FMB-5KZWT FMB-4KZWT FMB-5KZWT FMB-10E1 FMB-2E1H FMB-2E1H FMB-4EQWZ FAW-5E FAQ-6EZWT FAF-12E FMI-2E	Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side		Traction Layer		Running Side		FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73			
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F		mm	in	Material	Surface	Property	Color					Material	Nr. of Fabrics	Material
			1.6	0.06	-	20	0.8	25	1.0	80	8.0	46	5.0	29	-10	14	80	176	4000	157		Polyurethane thermoplastic (TPU)	Blank/ smooth	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	•	•	6
			2.5	0.10	-	48	1.9	60	2.4	170	97	12.0	69	-15	5	80	176	4000	157		Polyurethane thermoplastic (TPU)	Blank/ smooth	Non-adhesive	White	Polyester (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Light grey	•	•	•	6	
			1.6	0.06	5	0.02	10	0.2	25	1.0	6.0	34	4.0	23	-30	-22	80	176	2200	87		Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated	Impregnated fabric	White	•	•	•	6
			1.3	0.05	4	0.16	15	0.6	24	0.9	6.0	34	4.0	23	-20	-4	100	212	2000	79		Polyurethane thermoplastic (TPU)	Glossy	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	•	•	•	6
			1.3	0.05	-	15	0.6	15	0.6	4.0	23	2.0	11	-20	-4	80	176	2000	79		Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	•	•	6	
			1.5	0.06	-	15	0.6	32	1.3	5.0	29	3.0	17	-10	14	80	176	2000	79		Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	1	Polyurethane thermoplastic (TPU)	Fine structure	Grey	•	•	•	6	
			2.0	0.08	-	20	0.8	40	1.6	6.0	34	5.0	29	-20	-4	80	176	2000	79		Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	•	•	6	
			1.8	0.07	-	40	1.6	60	2.4	7.0	40	6.0	34	-30	-22	80	176	2000	79		Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated	Impregnated fabric	Trans-parent (clear)	•	•	•	6	
			0.6	0.02	2	0.08	15	0.6	15	0.6	3.0	17	2.0	11	-30	-22	80	176	2400	94		Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	Honey/ amber	Polyester fabric (PET)	1	Polyester fabric (PET)	Impregnated fabric	Honey/ amber	•	•	•	6
			0.65	0.03	2	0.08	15	0.6	15	0.6	3.0	17	2.4	14	-15	5	80	176	2400	94		Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	Honey/ amber	Polyester fabric (PET)	1	Polyester fabric (PET)	Impregnated fabric	Honey/ amber	•	•	•	6
			0.8	0.03	4	0.16	15	0.6	15	0.6	4.0	23	2.0	11	-20	-4	80	176	2000	79		Polyurethane thermoplastic (TPU)	Zig-zag pattern	Adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	•	•	•	6
			1.7	0.06	4	0.16	15	0.6	15	0.6	6.0	34	4.5	26	-30	-22	80	176	4000	157		Polyurethane thermoplastic (TPU)	Waffle structure	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	•	•	6
			1.5	0.06	4	0.16	15	0.6	24	0.9	6.0	34	4.0	23	-20	-4	80	176	2000	79		Polyurethane thermoplastic (TPU)	Square Emboss	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	•	•	•	6
			4.5	0.18	-	48	1.9	60	2.4	170	97	12.0	69	-30	-22	80	176	1200	47		Polyurethane thermoplastic (TPU)	Fish/ herring-bone structure	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	•	•	•	6	
			0.4	0.01	2	0.08	15	0.6	15	0.6	2.0	11	2.4	14	-30	-22	80	176	2400	94		Polyurethane thermoplastic (TPU)	Impregnated fabric	Non-adhesive	Trans-parent (clear)	Polyester (PET)	1	Polyurethane thermoplastic (TPU)	Impregnated fabric	Trans-parent (clear)	•	•	•	6

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design				Adapted for food transport			Chemical Resistance Class																												
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)			Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73															
TPU food conveyor and processing belts	Food conveyor belts	FNI-5E	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73																	
			0.9	0.04	4	0.16	15	0.6	20	0.8	5.0	29	4.5	26	-30	-22	80	176	4000	157															mm	in	Conveying Side	Impreg-nated fabric	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	•	Conformable	•	6		
			1.4	0.06	5	0.20	10	0.4	10	0.4	6.0	34	4.0	23	-30	-22	80	176	2200	87															in	in	Flexproof	Polyester fabric (PET) impreg-nated with Polyurethane crosslinked (PUR)	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	•	Conformable for packaged food only	•	6		
																																						Flexproof	Silicone (SI)	Impreg-nated fabric	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	•	Conformable for packaged food only	-	6
																																						Flexproof	Polyester fabric (PET) impreg-nated with thermoplastic Polyurethane (TPU)	Non-adhesive	Off-white	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Off-white	•	Conformable for packaged food only	•	6	
																																							Flexproof	Polyester fabric (PET) impreg-nated with thermoplastic Polyurethane (TPU)	Non-adhesive	Off-white	Polyester fabric (PET)	1	Polyester fabric (PET)	Fabric	Off-white	•	Not conformable	•	6
																																							Macfast Spiro (glass and rod system)	Fabric	Non-adhesive	Off-white	Polyester (PET)	3	Polyamide (PA)/Cotton (CO) fabric	Fabric	Grey	•	Not conformable	-	6
																																							ThermoTix	Polyamide (PA)/Cotton (CO) fabric	Non-adhesive	Grey	Polyamide (PA)	3	Polyamide (PA)/Cotton (CO) fabric	Fabric	Grey	•	Not conformable	-	6
																																							ThermoTix	Polyester fabric (PET)	Non-adhesive	Off-white	Polyester (PET)	1	Polyester fabric (PET)	Fabric	Off-white	•	Not conformable	•	6
																																							Flexproof	Polyester fabric (CO) fabric	Non-adhesive	White	Polyester (PET)/Cotton (CO) fabric	2	Polyester (PET)/Cotton (CO) fabric	Fabric	White	•	Not conformable	-	6
																						Flexproof	Impreg-nated with Polyurethane crosslinked (PUR)	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	White	•	Conformable for packaged food only	•	6																	
																						ThermoTix	Polyamide (PA)	Non-adhesive	Light grey	Polyamide (PA)	3	Polyamide (PA)	Fabric	Light grey	•	Not conformable	•	6																	
																						Flexproof	Polyamide (PA)/Cotton (CO) fabric	Non-adhesive	White	Polyamide (PA)/Cotton (CO) fabric	2	Polyamide (PA)/Cotton (CO) fabric	Fabric	White	•	Not conformable	-	6																	
																						Flexproof	Polyester wov/fleece (PET)	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	White	•	Not conformable	•	7																	

Product Group	Product Sub-Group	Belt Type	Technical Data											Joining System	Product Construction/Design				Adapted for food transport			Chemical Resistance Class																													
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flexion		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Material		Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73																	
TPU food conveyor and processing belts	Food conveyor belts	F-2EQWT	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73														
			0.7	0.03	4	0.16	15	0.6	15	0.6	15	0.6	3.0	17	2.2	13	-30	-22	80	176	4000	157																Flapproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
			0.7	0.03	4	0.16	15	0.6	15	0.6	15	0.6	3.0	17	2.2	13	-30	-22	80	176	4000	157																Flapproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
			0.7	0.03	4	0.16	15	0.6	15	0.6	15	0.6	3.0	17	2.2	13	-30	-22	80	176	4000	157																Flapproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET) with conductive threads	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
			1.1	0.04	4	0.16	15	0.6	15	0.6	15	0.6	4.5	26	3.0	17	-30	-22	80	176	4000	157																Flapproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET) with conductive threads	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
			1.2	0.05	4	0.16	15	0.6	15	0.6	15	0.6	5.0	29	4.5	26	-30	-22	80	176	4000	157																Flapproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
			1.2	0.05	4	0.16	15	0.6	15	0.6	15	0.6	5.0	29	4.5	26	-30	-22	80	176	4000	157																Flapproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
			1.8	0.07	-	-	25	1.0	40	1.6	5.0	29	4.5	26	-30	-22	80	176	4000	157	Flapproof	Polyurethane thermoplastic (TPU)																Blank/ smooth	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Grey	●	Conformable	●	6		
			1.5	0.06	4	0.16	20	0.8	32	1.3	8.0	46	5.5	31	-30	-22	80	176	4000	157	Flapproof	Polyurethane thermoplastic (TPU)																Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6		
			1.5	0.06	4	0.16	20	0.8	32	1.3	8.0	46	5.5	31	-30	-22	80	176	4000	157	Flapproof	Polyurethane thermoplastic (TPU)																Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6		
			0.7	0.03	4	0.16	15	0.6	15	0.6	4.0	23	2.2	13	-30	-22	80	176	2400	94	Flapproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped																Blank/ smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	1	Polyester fabric (PET) impregnated with antimicrobially equipped thermo plastic polyurethane (TPU)	Impregnated fabric	Light blue	●	Conformable	-	6		
			1.3	0.05	4	0.16	15	0.6	25	1.0	5.0	29	-	-	-30	-22	80	176	2400	94	Flapproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped																Blank/ smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with antimicrobially equipped thermo plastic polyurethane (TPU)	Impregnated fabric	Light blue	●	Conformable	-	6		
			1.6	0.06	-	-	20	0.8	25	1.0	8.0	46	5.0	29	-30	-22	80	176	2400	94	Flapproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped																Blank/ smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with antimicrobially equipped thermo plastic polyurethane (TPU)	Impregnated fabric	Light blue	●	Conformable	-	6		
			1.6	0.06	5	0.02	10	0.2	25	1.0	6.0	34	4.0	23	-30	-22	80	176	2200	87	Flapproof	Polyurethane thermoplastic (TPU)																Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated	Impregnated fabric	White	●	Conformable	●	6		

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design				Adapted for food transport			Chemical Resistance Class																
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)			Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Material		Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73				
TPU food conveyor and processing belts	HabAGUARD antimicrobial belts (only for USA, CN)	FNB-5E-H15	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Standard	Material: Polyurethane thermoplastic (TPU)/antimicrobially equipped	Conveying Side	Surface: Blank/ smooth	Property: Non-adhesive	Color: White	Material: Polyester fabric (PET) with conductive threads	2	Material: Polyurethane fabric (PET) impregnated with antimicrobially equipped thermoplastic polyurethane (TPU)	Surface: Impregnated fabric	Color: Light blue	●	Conformable	-	6		
			1.3	0.05	4	0.16	15	0.6	20	0.8	20	0.8	25	1.0	80	46	5.0	29	-30	-22	80	176																2400	94
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F																mm	in
			1.8	0.06	-	-	20	0.8	20	0.8	25	1.0	80	46	5.0	29	-10	14	80	176	2400	94																	
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F																mm	in
			1.6	0.06	-	-	20	0.8	40	1.6	6.0	34	-	-	-30	-22	80	176	2400	94																			
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F																mm	in
			1.9	0.07	-	-	20	0.8	25	1.0	12.0	69	-	-	-30	-22	80	176	2400	94																			
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F																mm	in
			1.6	0.06	-	-	20	0.8	40	1.6	6.0	34	-	-	-30	-22	80	176	2400	94																			
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F																mm	in
			1.9	0.07	-	-	20	0.8	25	1.0	12.0	69	-	-	-30	-22	80	176	2400	94																			
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F																mm	in
			1.6	0.06	-	-	20	0.8	40	1.6	6.0	34	-	-	-30	-22	80	176	2400	94																			
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F																mm	in
1.9	0.07	-	-	20	0.8	25	1.0	12.0	69	-	-	-30	-22	80	176	2400	94																						
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																		

Approval for further countries available. Please consult your local Habasit representation for details.

Product Group	Product Sub-Group	Belt Type	Technical Data													Joining System	Product Construction/Design							Adapted for food transport			Chemical Resistance Class														
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side		Traction Layer		Running Side		FDA conformance	USDA recommendations	Food suitability, EU conformance											
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color									
TPU food conveyor and processing belts	HYGUARD Japan antimicrobial belts	FAB-3E1WH+H15	0.7	0.03	4	0.16	15	0.6	15	0.6	3.0	17	2.0	11	-30	-22	100	212	2400	94	Flexproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Blank/ smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	1	Polyester fabric (PET) impregnated with antimicrobially equipped thermoplastic polyurethane (TPU)	Impregnated fabric	Light blue	●	Conformable	-	6							
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																					
		FAB-5E1WH+H15	1.3	0.05	4	0.16	15	0.6	20	0.8	5.0	29	-	-	-30	-22	100	212	2400	94	Flexproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Blank/ smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with antimicrobially equipped thermoplastic polyurethane (TPU)	Impregnated fabric	Light blue	●	Conformable	-	6							
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																					
		F-5EXWT+H15	1.2	0.05	4	0.16	15	0.6	15	0.6	5.0	29	-	-	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light blue	●	Conformable	-	6							
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																					
		PVC conveyor and processing belts	N-Line airport belts (flame retardant)	NAB-10ESBV	3.0	0.12	-	-	40	1.6	40	1.6	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3					
					mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																					
				NHB-10ESBV	3.0	0.12	-	-	40	1.6	40	1.6	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Hardnon-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3					
					mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																			
NHM-8ESBV	2.5			0.10	-	-	32	1.3	40	1.6	8.0	46	5.5	31	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Super mat finish	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3							
	mm			in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																					
NMB-11ESBV	2.5			0.10	-	-	60	2.4	60	2.4	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Medium-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Impregnated fabric	Black	-	Not conformable	-	3							
	mm			in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																					
NAD-10ESBV	75			0.30	-	-	60	2.4	80	3.2	8.0	46	5.5	31	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Diagonal wave pattern high elevated positive wave structure)	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3							
	mm			in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																					
NAL-10ESBV	5.3	0.21	-	-	40	1.6	60	2.4	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Jink wave grip structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3									
	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																							
NAO-10ESBV	3.1	0.12	-	-	40	1.6	50	2.0	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Quadrille (quadranular) pattern	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Light grey	-	Not conformable	-	3									
	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																							
NSL-10ESBV	2.3	0.09	-	-	40	1.6	50	2.0	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Longitudinal groove structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3									
	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																							
NSL-11ESBV	3.0	0.12	-	-	40	1.6	60	2.4	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Longitudinal groove structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3									
	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																							
NNT-10ESBU	3.0	0.12	-	-	40	1.6	80	3.2	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyurethane impregnated Polyester (PET)	Fabric	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3									
	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in																							

• YES
- NO

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design						Adapted for food transport			Chemical Resistance Class									
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)			Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side			Traction Layer		Running Side		FDA conformance	USDA recommendations	Food suitability, EU conformance		
PVC conveyor belts and processing belts	N-Line belts for general conveying	NAB-5EKBV NAB-9EKDV NAB-10ELBV NAB-10ELDV NAB-10EXAV NAB-12EXDV NAB-15ELDV NAB-18EAV NHB-5EKBV NHB-9EKDV NHB-10EKDV NHB-10ELDV NHB-9EKBV NHB-10EKBV NHB-9EAV NHU-9EATV NHU-12EAV NHU-12EAV NMM-10EBAV NSB-12EAV NVT-130 NVT-157 NVT-179 NVT-188	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
						10	0.04	-	-	24	0.9	30	1.2	5.0	29	3.2	18	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Medium- adhesive	Black	Polyester (PET)	1	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-
			2.0	0.08	-	-	32	1.3	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Fabric	Grey	-	Not conformable	-	3
			2.1	0.08	-	-	24	0.9	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Black	Polyester (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
			2.0	0.08	-	-	40	1.6	40	1.6	10.0	57	6.0	34	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3
			2.5	0.10	-	-	30	1.2	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Mat. Blank/ smooth	Medium- adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			2.8	0.11	-	-	48	1.9	60	2.4	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			3.0	0.12	-	-	48	1.9	48	1.9	15.0	86	8.0	46	-10	14	70	158	2000	79	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Dark green	Polyvinylchloride (PVC)	2	Waffle structure	Dark green	-	Not conformable	-	3	
			4.8	0.19	-	-	120	4.7	120	4.7	18.0	103	10.0	57	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Anthracite	Polyester (PET)	3	Polyester fabric (PET)	Fabric	Grey	-	Not conformable	-	3
			1.0	0.04	-	-	24	0.9	30	1.2	5.0	29	3.2	18	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Mat. (dull finish)	Hardfon- adhesive	Black	Polyester fabric (PET)	1	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			2.1	0.08	-	-	60	2.4	60	2.4	8.0	46	5.5	31	0	32	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Hardfon- adhesive	Dark green	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Black	-	Not conformable	-	3
			2.1	0.08	-	-	24	0.9	30	1.2	9.0	51	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Mat. (dull finish)	Hardfon- adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
			2.0	0.08	-	-	30	1.2	48	1.9	9.0	51	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Hardfon- adhesive	Green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
			1.1	0.04	-	-	40	1.6	48	1.9	6.0	34	3.6	21	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Super mat. finish	Non- adhesive	Black	Polyester fabric (PET)	1	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
			2.1	0.08	-	-	40	1.6	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Super mat. finish	Non- adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
			2.0	0.08	-	-	50	2.0	50	2.0	8.0	46	5.5	31	0	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Hardfon- adhesive	Anthracite	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Medium grey	-	Not conformable	-	3	
			2.0	0.08	-	-	50	2.0	60	2.4	8.0	46	5.5	31	0	32	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Hardfon- adhesive	Transpar- ent (clear)	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	3
			3.1	0.12	-	-	100	4.0	100	4.0	12.0	69	7.0	40	0	32	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Hardfon- adhesive	Anthracite	Polyester fabric (PET)	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Medium grey	-	Not conformable	-	3
			2.4	0.09	-	-	30	1.2	30	1.2	10.0	57	6.0	34	-10	14	70	158	2900	114	Flexproof	Polyvinyl- chloride (PVC)	Super mat. finish	Medium- adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			4.8	0.19	-	-	120	4.7	120	4.7	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Anthracite	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			2.8	0.11	-	-	48	1.9	60	2.4	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			2.7	0.11	-	-	60	2.4	60	2.4	13.0	74	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			3.8	0.15	-	-	100	3.9	100	3.9	12.0	69	-	-	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			2.0	0.08	-	-	32	1.3	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinyl- chloride (PVC)	Blank/ smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design						Adapted for food transport			Chemical Resistance Class																									
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)			Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Material	Surface	Property		Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance																
PVC conveyor belts for general conveying	N-Line belts for general conveying	NVT-294	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73															
			3.5	0.14	-	-	120	4.7	120	4.7	14.0	80	-	-	-	-	14	70	158	3000																118	Flexproof	Polyvinyl-chloride (PVC)	Mat (dull finish)	Non-adhesive	Dark green	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			1.9	0.07	-	-	30	1.2	30	1.2	8.0	46	5.5	31	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Super mat	Hard/non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			1.3	0.05	-	-	20	0.8	40	1.6	5.0	29	3.2	18	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Waffle structure	Soft/super-adhesive	Anthracite	Polyester fabric (PET)	1	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3	
			4.5	0.18	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	2000	79																Flexproof	Polyvinyl-chloride (PVC)	Grip structure	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Grip structure	Super-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Jink wave grip structure	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Jink wave grip structure	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Jink wave grip structure	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Jink wave grip structure	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Jink wave grip structure	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			2.0	0.08	-	-	60	2.4	60	2.4	8.0	46	5.5	31	0	32	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Honeycomb adhesive structure	Hard/non-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			3.1	0.12	-	-	50	2.0	50	2.0	10.0	57	6.0	34	-10	14	70	158	3000	118																Flexproof	Polyvinyl-chloride (PVC)	Quadrifile (quadrilateral pattern)	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Light grey	-	Not conformable	-	3	
3.1	0.12	-	-	50	2.0	50	2.0	10.0	57	6.0	34	-10	14	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Quadrifile (quadrilateral pattern)	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Light grey	-	Not conformable	-	3																			
2.3	0.09	-	-	30	1.2	40	1.6	10.0	57	6.0	34	-10	14	60	140	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Longitudinal groove structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3																			
2.3	0.09	-	-	30	1.2	40	1.6	10.0	57	6.0	34	-10	14	60	140	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Longitudinal groove structure	Super-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3																			
2.3	0.09	-	-	30	1.2	40	1.6	10.0	57	6.0	34	-10	14	60	140	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Longitudinal groove structure	Super-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3																			
2.8	0.11	-	-	50	2.0	60	2.4	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Longitudinal groove structure	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Light green	-	Not conformable	-	3																			
6.1	0.24	-	-	60	2.4	75	3.0	12.0	69	7.0	40	-10	14	70	158	2000	79	Flexproof	Polyvinyl-chloride (PVC)	Knob structure (cylindrical knob structure)	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3																			
2.2	0.09	-	-	40	1.6	40	1.6	10.0	57	6.0	34	-10	14	70	158	3000	118	Flexproof	Polyvinyl-chloride (PVC)	Knob structure (spherical structure)	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3																			

Product Group	Product Sub-Group	Belt Type	Technical Data														Joining System	Product Construction/Design				Adapted for food transport			Chemical Resistance Class												
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.			Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Material	Surface	Property		Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance			
			mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color						
PVC conveyor and processing belts	N-Line belts for general conveying	NAO-48ENBV	70	0.28	-	280	11.0	280	11.0	48.0	2.74	28.0	160	-10	14	70	158	2200	87			Flexproof	Polyvinyl-chloride (PVC)	Orb structure (positive hemispherical structure)	Adhesive green	Dark green	Polyester fabric (PET)	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Medium grey	-	Not conformable	-	3		
			5.5	0.22	-	40	1.6	80	2.4	80	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118			Flexproof	Polyvinyl-chloride (PVC)	Grip structure	Adhesive green	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
			NVT-256	2.2	0.09	-	24	0.9	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118			Flexproof	Polyvinyl-chloride (PVC)	Elliptical smooth netting structure	Adhesive black	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
			NNT-10ENBU	2.1	0.08	-	30	1.2	40	1.6	10.0	57	6.0	34	0	32	70	158	3000	118			Flexproof	Polyurethane (PU) impregnated Polyester (PET) fabric	Fabric	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3	
			NNT-12ECDV	2.4	0.09	-	80	3.2	80	3.2	12.0	69	7.0	40	-10	14	70	158	2700	106			Flexproof	Polyester fabric (PET) impregnated with polyvinyl-chloride (PVC)	Fabric (multifil/multifil)	Non-adhesive green	Dark green	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Black	-	Not conformable	-	3	
			NNT-20ECDV	3.5	0.14	-	120	4.7	120	4.7	20.0	114	12.0	69	-10	14	70	158	2700	106			Flexproof	Polyester fabric (PET) impregnated with polyvinyl-chloride (PVC)	Fabric (multifil/multifil)	Non-adhesive green	Dark green	Polyester fabric (PET)	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Black	-	Not conformable	-	3	
			NAB-5EFVW	1.0	0.04	-	20	0.8	20	0.8	5.0	29	3.2	18	-10	14	70	158	3000	118			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester (PET)	1	Polyester (PET)	Fabric	White	-	Not conformable	-	7	
			NAB-9EFVW	2.0	0.08	-	20	0.8	25	1.0	8.0	46	5.5	31	-10	14	70	158	3000	118			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	White	-	Not conformable	-	7	
			NAB-10EFVW	2.0	0.08	-	24	0.9	30	1.2	8.0	46	5.5	31	-10	14	70	158	3000	118			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	-	Not conformable	-	7	
			NAB-10E1WV	2.5	0.10	-	24	0.9	30	1.2	8.0	46	5.5	31	-10	14	70	158	3000	118			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	White	-	Not conformable	-	7	
NAB-12EFVW	2.8	0.11	-	80	3.2	80	3.2	12.0	69	7.0	40	-10	14	70	158	3000	118			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester (PET)	2	Polyester (PET)	Impregnated fabric	White	-	Not conformable	-	7				
NAB-15EFVW	3.0	0.12	-	80	3.2	80	3.2	15.0	86	8.0	46	-10	14	70	158	2000	79			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester (PET)	2	Polyvinylchloride (PVC)	Blank/ smooth	White	-	Not conformable	-	7				
NAB-18EFVW	4.6	0.18	-	120	4.7	120	4.7	18.0	103	10.0	57	-10	14	70	158	2000	79			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester (PET)	2	Polyvinylchloride (PVC)	Blank/ smooth	White	-	Not conformable	-	3				
NAB-24EFVW	6.0	0.24	-	280	11.0	280	11.0	24.0	137	14.0	80	-10	14	70	158	2000	79			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester (PET)	3	Polyvinylchloride (PVC)	Blank/ smooth	White	-	Not conformable	-	3				
NAB-24E1WV	4.0	0.16	-	120	4.7	120	4.7	24.0	137	14.0	80	-10	14	70	158	2000	79			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester (PET)	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	White	-	Not conformable	-	7				
NAB-25E1WV	6.0	0.24	-	280	11.0	280	11.0	25.0	143	14.0	80	-10	14	70	158	2000	79			Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive white	White	Polyester (PET)	3	Polyvinylchloride (PVC)	Blank/ smooth	White	-	Not conformable	-	3				

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design				Adapted for food transport			Chemical Resistance Class												
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flexion		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)			Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Material		Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73
PVC conveyor and processing belts	N-Line food conveyor belts	NAW-BEIVV	2.0	0.08	-	25	1.0	25	1.0	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Conveying Side	Polyvinyl-chloride (PVC)	Waffle structure	Adhesive	White	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	White	●	Conformable	●	7	
		NNI-5EFTU	0.6	0.02	4	0.16	10	0.4	15	0.6	5.0	29	3.2	18	-20	-4	70	158	3000	118	Flexproof	Polyurethane thermoplastic (TPU)	Impreg- rated fabric	Non- adhesive	Trans- parent (clear)	Polyester (PET)	1	Polyurethane thermoplastic (TPU)	Impregnated fabric	Trans- parent (clear)	●	Not conformable	●	7	
		NNR-SRFWR	2.5	0.10	-	-	25	1.0	25	1.0	5.0	29	3.2	18	-10	14	70	158	3000	118	Flexproof	Polyester (PET)/Cotton (CO) fabric	Fabric	Non- adhesive	White	Polyester (PET)/Cotton (CO) fabric	2	Polyester (PET)/Cotton (CO) fabric	Fabric	White	●	Not conformable	-	3	
		NNI-BEFCWC	4.1	0.16	-	-	120	4.7	120	4.7	3.0	17	2.0	11	-10	14	70	158	3000	118	Flexproof	Cotton (CO)	Fabric	Non- adhesive	White	Cotton (CO)	3	Cotton (CO)	Fabric	White	●	Not conformable	-	7	
		NNI-BEWE	1.6	0.06	-	-	24	0.9	40	1.6	8.0	46	5.5	31	-10	14	90	194	3000	118	Flexproof	Polyester (PET)	Fabric	Non- adhesive	White	Polyester (PET)	2	Polyester (PET) with conductive carbon wires	Fabric	White	●	Not conformable	●	3	
		NNI-BEFCWE	1.4	0.06	-	-	40	1.6	40	1.6	5.0	29			-10	14	70	158	2000	79	Flexproof	Polyester (PET)	Fabric	Non- adhesive	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	●	Not conformable	●	3	
		NNI-BEFCWE	1.6	0.06	-	-	20	0.8	30	1.2	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyester (PET)	Fabric	Non- adhesive	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	●	Not conformable	●	3	
		NNI-10EFCWE	2.1	0.08	-	-	30	1.2	30	1.2	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyester (PET)	Fabric	Non- adhesive	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	●	Not conformable	●	3	
		NVT-251	1.5	0.06	-	-	32	1.3	32	1.3	5.0	29	3.2	18	-10	14	70	158	2000	79	Flexproof	Polyester (PET)	Fabric	Non- adhesive	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	●	Not conformable	●	3	
		Standard conveyor belts	Standard conveyor belts	SAB-4E	1.2	0.05	-	25	1.0	30	1.2	6.0	34	4.5	26	-5	23	40	104	4000	157	Flexproof	Polyvinyl chloride (PVC)	Blank/ smooth	Adhesive	Anthracite	Polyester fabric (PET)	1	Polyester fabric (PET)	Fabric	Light grey	-	Not conformable	-	3
				SAB-5E	1.7	0.06	-	20	0.8	25	1.0	7.0	40	6.0	34	-5	23	70	158	4000	157	Flexproof	Polyvinyl chloride (PVC)	Blank/ smooth	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3
				SAB-8E	2.1	0.08	-	32	1.3	40	1.6	10.0	57	8.5	49	-5	23	70	158	4000	157	Flexproof	Polyvinyl chloride (PVC)	Blank/ smooth	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3
				SAB-12E	2.5	0.10	-	48	1.9	60	2.4	16.0	91	11.5	66	-5	23	70	158	4000	157	Flexproof	Polyvinyl chloride (PVC)	Blank/ smooth	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Light grey	-	Not conformable	-	3
				SAB-18E	4.0	0.16	-	80	3.1	100	4.0	22.0	126	13.0	74	-5	23	70	158	2400	94	Flexproof	Polyvinyl chloride (PVC)	Sand finish	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyvinylchloride (PVC)	Waffle structure	Anthracite	-	Not conformable	-	3
SNB-9E	1.7			0.06	-	20	0.8	25	1.0	7.0	40	6.0	34	-5	23	70	158	4000	157	Flexproof	Polyvinyl chloride (PVC)	Sand finish	Non- adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3		
SNB-12E	2.1			0.08	-	32	1.3	40	1.6	10.0	57	8.5	49	-5	23	70	158	4000	157	Flexproof	Polyvinyl chloride (PVC)	Sand finish	Non- adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3		
SNB-18E	2.5			0.10	-	60	2.4	80	3.1	16.0	91	11.5	66	-5	23	70	158	4000	157	Flexproof	Polyvinyl chloride (PVC)	Sand finish	Non- adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Light grey	-	Not conformable	-	3		
SNB-9E	3.3			0.13	-	80	3.1	100	4.0	18.0	103	14.0	80	-5	23	70	158	4000	157	Flexproof	Polyvinyl chloride (PVC)	Sand finish	Non- adhesive	Anthracite	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3		
SAW-5E	1.7			0.07	-	20	0.8	20	0.8	6.0	34	4.0	23	-5	23	50	122	2400	94	Flexproof	Polyvinyl chloride (PVC)	Waffle structure	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Light grey	-	Not conformable	-	3		
SNL-5E	1.0			0.04	-	20	0.8	32	1.3	6.0	34	4.5	26	-5	23	40	104	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Impreg- rated fabric	Non- adhesive	Light grey	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Light grey	-	Not conformable	-	3		
SNT-5EF	2.2			0.09	-	50	2.0	50	2.0	4.0	23	5.5	31	-5	23	60	140	1200	47	Flexproof	Non-woven (fleece)	Non- woven (fleece) structure	Non- adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3		

Product Group	Product Sub-Group	Belt Type	Technical Data													Joining System	Product Construction/Design				Adapted for food transport			Chemical Resistance Class										
			Thickness	Nosebar Radius (minimum)			Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width	Material	Surface	Property	Color		Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance		
PVC conveyor and processing belts	Standard conveyor belts	SAG-9E	4.0	0.16	-	32	1.3	50	2.0	9.0	51	75	43	-10	14	60	140	2400	94	Fleaproof	Polyvinyl-chloride (PVC)	Grip structure	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3	
		SAG-9E	2.1	0.08	-	35	1.4	50	2.0	9.0	51	85	49	-10	14	60	140	4000	157	Fleaproof	Polyvinyl-chloride (PVC)	Quadrillé (quadran-gular) pattern	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3	
TPO conveyor and processing belts	Cleanline	CAB-9E	1.4	0.06	-	20	0.8	30	1.2	6.0	34	6.0	34	-40	-40	70	158	2400	94	Fleaproof	Habliene (modified TPO)	Blank/ smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10	
		CAB-9E	2.0	0.08	-	30	1.2	60	2.4	8.0	46	70	40	-40	-40	70	158	2400	94	Fleaproof	Habliene (modified TPO)	Blank/ smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10	
		CAB-9E	1.1	0.04	4	0.16	15	0.6	20	0.8	8.0	46	3.5	20	-40	-40	80	176	2400	94	Fleaproof	Habliene (modified TPO)	Blank/ smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10
		CNB-9E	1.4	0.06	-	20	0.8	40	1.6	6.0	34	6.0	34	-40	-40	80	176	2400	94	Fleaproof	Habliene (modified TPO)	Blank/ smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10	
		CNB-9E	1.4	0.06	-	20	0.8	40	1.6	6.0	34	6.0	34	-40	-40	80	176	2400	94	Fleaproof	Habliene (modified TPO)	Blank/ smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10	
		CNB-9E	2.3	0.09	-	40	1.6	50	2.0	7.0	40	40	6.0	34	-40	-40	80	176	2400	94	Fleaproof	Habliene (modified TPO)	Blank/ smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Habliene (modified TPO)	Waffle structure	White	•	Conformable	•	10
		CNB-9E	1.1	0.04	4	0.16	15	0.6	20	0.8	8.0	46	3.5	20	-40	-40	80	176	2400	94	Fleaproof	Habliene (modified TPO)	Blank/ smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10
		CNB-9E	2.0	0.08	-	30	1.2	60	2.4	8.0	46	70	40	40	-40	-40	80	176	2400	94	Fleaproof	Habliene (modified TPO)	Blank/ smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10
		CNB-9E	1.9	0.07	-	30	1.2	50	2.0	6.0	34	6.0	34	-40	-40	80	176	2400	94	Fleaproof	Habliene (modified TPO)	Waffle structure	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10	
		CNB-9E	4.4	0.17	-	70	2.8	80	3.2	8.0	46	70	40	40	-40	-40	80	176	1200	47	Fleaproof	Habliene (modified TPO)	Fish/ bearing-bone structure	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) with conductive threads impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric with conductive threads	White	•	Conformable	•	10

Product Group	Product Sub-Group	Belt Type	Technical Data																Joining System	Product Construction/Design					Adapted for food transport			Chemical Resistance Class						
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.			Seamless manufacturing width		Material	Surface	Property	Color	Material	Nr. of Fabrics		Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance
TPU conveyor and processing belts	P-Line tobacco conveyor and processing belts	PAE-10EYWO	2.5	0.10	-	-	100	3.9	120	4.7	10.0	57	6.0	34	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	•	Conformable	•	10
		PNB-10EYWO	2.3	0.09	-	-	100	3.9	120	4.7	10.0	57	6.0	34	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PNB-10EYWO	2.3	0.09	-	-	100	3.9	120	4.7	10.0	57	6.0	34	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Waffle structure	Trans-parent (clear)	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PNB-10EYWW	2.9	0.11	-	-	150	5.9	150	5.9	10.0	57	6.0	34	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyolefine thermoplastic (TPO)	Fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PNB-14EYWO	3.5	0.14	-	-	150	5.9	150	5.9	14.0	80	8.0	46	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	3	Polyester (PET)	Fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PAE-10EYWO	4.3	0.17	-	-	150	5.9	150	5.9	10.0	57	6.0	34	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Tear drop structure	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PAE-10EYWO	4.3	0.17	-	-	150	5.9	150	5.9	10.0	57	6.0	34	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Tear drop structure	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Impregnated fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PAK-10EYWO	3	0.12	-	-	150	5.9	150	5.9	10.0	57	6.0	34	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Knob structure (cylindrical knob structure)	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Impregnated fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PAK-10EYWO	3	0.12	-	-	150	5.9	150	5.9	10.0	57	6.0	34	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Knob structure (cylindrical knob structure)	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Acrylate	Impregnated fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PMB-5EYWX	1.0	0.04	-	-	80	3.2	80	3.2	5.0	29	3.0	17	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	1	Polyolefine thermoplastic (TPO)	Fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PMB-5EYWX	1.0	0.04	-	-	80	3.2	80	3.2	5.0	29	3.0	17	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	1	Polyolefine thermoplastic (TPO)	Fabric	White	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		PMB-5EYWX	1.0	0.04	-	-	80	3.2	80	3.2	5.0	29	3.0	17	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	1	Polyolefine thermoplastic (TPO)	Blank/smooth	Trans-parent (clear)	• <td>Conformable</td> <td>• <td>10</td> </td>	Conformable	• <td>10</td>	10
		FHB-7ERWMO	1.6	0.06	-	-	25	1.0	50	2.0	11.0	63	4.0	23	0	32	100	212	1450	57	Flexproof	Polypropylene (PP)	Blank/smooth	Hard/non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET)	Fabric	White	• <td>Conformable</td> <td>• <td>9</td> </td>	Conformable	• <td>9</td>	9
		ONH-5EI	0.7	0.03	-	-	15	0.6	15	0.6	8.0	46	4.0	23	-15	5	55	131	4000	157	Flexproof	Acrylate	Impregnated fabric	Non-adhesive	White	Polyester fabric (PET)	1	Acrylate	Impregnated fabric	White	- <td>Not conformable</td> <td>- <td>9</td> </td>	Not conformable	- <td>9</td>	9

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design				Adapted for food transport			Chemical Resistance Class												
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)			Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Material		Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	
High duty conveyor and processing belts	Crosslinked polyurethane conveyor and processing belts	HNA-9P	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73
			1.2	0.05	-	25	1.0	25	1.0	5.0	29	2.4	14	-20	-4	100	212	2400	94			Thermotix	Polyurethane cross-linked (PUR)	Blank/ smooth	Non-adhesive	Green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
			1.1	0.04	-	60	2.4	60	2.4	20.0	114	13.0	74	0	32	100	212	2400	94			Thermotix	Polyurethane cross-linked (PUR)	Blank/ smooth	Non-adhesive	Green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	5
			1.9	0.07	-	50	2.0	50	2.0	9.0	51	3.5	20	-20	-4	100	212	2400	94			Thermotix	Polyurethane cross-linked (PUR)	Blank/ smooth	Non-adhesive	Green	Polyamide (PA)	3	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
			0.9	0.04	-	15	0.6	15	0.6	4.0	23	1.6	9	-30	-22	100	212	1200	47			Thermotix	Polyamide (PA)	Impregnated fabric	Non-adhesive	Green	Polyamide (PA)	3	Polyamide (PA)	Impregnated fabric	Green	-	Not conformable	-	1
			0.9	0.04	-	15	0.6	15	0.6	4.0	23	1.6	9	-30	-22	100	212	1200	47			Thermotix	Polyamide (PA)	Fabric	Non-adhesive	Green	Polyamide (PA) fabric	3	Polyurethane cross-linked (PUR)	Fabric: Coated	Black	-	Not conformable	-	2
			1.0	0.04	-	50	2.0	50	2.0	5.0	29	2.4	14	-20	-4	100	212	1200	47			Thermotix	Polyamide (PA)	Ultra glossy	Non-adhesive	Green	Polyamide (PA)	2	Polyamide (PA)	Ultra glossy	Green	-	Not conformable	-	1
			1.0	0.04	-	15	0.6	15	0.6	5.0	29	1.8	10	-20	-4	100	212	1200	47			Thermotix	Acrylonitrile-Butadiene-Rubber (NBR)	Mat (dull finish)	Adhesive	Green (Habasit green)	Polyamide (PA)	3	Polyurethane cross-linked (PUR)	Fabric: Coated	Black	-	Not conformable	-	2
			1.5	0.06	-	25	1.0	25	1.0	5.0	29	4.5	26	0	32	80	176	1200	47			Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Green	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	-	Not conformable	-	6
			2.0	0.08	-	20	0.8	25	1.0	7.0	40	2.4	14	0	32	100	212	2400	94			Thermotix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
			3.0	0.12	-	40	1.6	50	2.0	10.0	57	3.5	20	0	32	100	212	2400	94			Thermotix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Polyamide (PA)	3	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
			3.8	0.15	-	48	1.9	60	2.4	9.0	51	4.0	23	0	32	100	212	2400	94			Thermotix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Light green	Polyamide (PA)	3	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
6.0	0.24	-	80	3.1	90	3.5	15.0	86	4.0	23	0	32	100	212	2400	94			Thermotix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Light green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2			
2.0	0.08	-	60	2.6	70	2.8	20.0	114	15.0	86	0	32	100	212	2400	94			Thermotix	Acrylonitrile-Butadiene-Rubber (NBR)	Blank/ smooth	Super adhesive	Green (Habasit green)	Polyester (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	5			
2.5	0.10	-	48	1.9	60	2.4	20.0	114	13.0	74	-30	-22	100	212	1200	47			Thermotix	Ethylene-Polyurethane-Terpolymer (EPDM) also called EPT	Longitudinal groove structure	Super adhesive	Green	Polyester (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	4			
1.9	0.07	-	40	1.6	50	2.0	20.0	114	13.0	74	-20	-4	100	212	2400	94			Thermotix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Green	Polyester (PET)	2	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	5			
5.8	0.23	-	80	3.1	100	4.0	20.0	114	12.0	69	0	32	100	212	1200	47			Thermotix	Acrylonitrile-Butadiene-Rubber (NBR)	Grip structure	Adhesive	Green	Polyester (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	5			

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design					Adapted for food transport			Chemical Resistance Class												
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1 % static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1 % relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)			Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Material		Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73
High duty conveyor and processing belts	Rubber conveyor and processing belts	SAG-12E	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in		Ethylene-Propylene-Terpolymer (EPDM) also called EPT	Grip structure	Adhesive	Anthracite	Polyester (PET)	2	Polyester fabric (PET)	Fabric	Off-white	-	Not conformable	-	4		
			5.2	0.20	-	-	60	2.4	80	3.1	12.0	69	11.0	63	-30	-22	100	212	1200	47		Thermotix	Blank/ smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	•	Conformable	•	6		
			1.3	0.05	4	0.16	20	0.8	20	0.8	20	0.8	5.0	29	5.0	29	-15	5	80	176	4000	157		Flexproof	Blank/ smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	•	Conformable	•	6
			1.3	0.05	4	0.16	15	0.6	24	0.9	6.0	34	4.0	23	-20	-4	100	212	2000	79		Flexproof	Matt	Non-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	-	Not conformable	-	6		
			1.6	0.06	-	-	15	0.6	25	1.0	8.0	46	5.0	29	-15	5	80	176	4000	157		Flexproof	Blank/ smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	•	Conformable	•	6		
			2.5	0.10	-	-	48	1.9	60	2.4	20.0	114	11.5	66	-15	5	80	176	4000	157		Flexproof	Blank/ smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	•	Conformable	•	6		
			0.9	0.04	4	0.16	15	0.6	15	0.6	5.0	29	3.5	20	-30	-22	80	176	2400	94		Flexproof	Blank/ smooth	Medium-adhesive	Dark green	Polyester fabric (PET)	1	Polyester fabric (PET)	Impregnated fabric (low-modul)	Grey	-	Not conformable	-	6		
			1.2	0.05	4	0.16	15	0.6	15	0.6	5.0	29	3.0	17	-30	-22	80	176	4000	157		Flexproof	Blank/ smooth	Adhesive	Trans-parent (green appearance)	Polyester (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	•	Conformable	•	6		
			1.2	0.05	4	0.16	15	0.6	15	0.6	5.0	29	4.0	23	-15	5	80	176	2400	94		Flexproof	Blank/ smooth	Medium-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Light grey	-	No use intended	-	6		
			1.7	0.07	-	-	24	0.9	32	1.3	6.0	34	4.0	23	-30	-22	80	176	4000	157		Flexproof	Blank/ smooth	Medium-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Light grey	-	Not conformable	-	6		
			1.4	0.06	-	-	20	0.8	30	1.2	8.0	46	5.0	29	-15	5	80	176	2400	94		Flexproof	Mat. thermoplastic	Non-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	-	Conformable	•	6		
			2.2	0.09	-	-	20	0.8	40	1.6	11.0	63	9.0	51	-30	-22	80	176	2400	94		Flexproof	Blank/ smooth	Medium-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	-	Not conformable	-	6		
			1.6	0.06	4	0.16	15	0.6	24	1.3	6.0	34	3.5	20	-30	-22	80	176	2400	94		Flexproof	Waffle structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Impregnated fabric (multi/fill)	Grey	-	Not conformable	-	6		
1.8	0.07	-	-	20	0.8	40	1.6	5.0	29	4.0	23	-30	-22	80	176	2400	94		Flexproof	Longitudinal groove structure	Super-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	-	Not conformable	-	6					
1.9	0.07	-	-	20	0.8	40	1.6	8.0	46	5.0	29	-30	-22	80	176	2400	94		Flexproof	Longitudinal groove structure	Super-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	-	Not conformable	-	6					

Product Group	Product Sub-Group	Belt Type	Technical Data														Joining System	Product Construction/Design								Adapted for food transport			Chemical Resistance Class															
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.			Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material		Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance										
Extraine conveyor and processing belts	TPU conveyor and processing belts	E-SEBRBT	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	Traction Layer	Running Side	Material	Surface	Color	-	-	-	-	6			
			15	0.06	4	0.16	15	0.6	30	1.2	5.0	29	4.0	23	-30	-22	80	176	2400	94			Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Grey			-	Not conformable	-						-		
			E-SENBVT	15	0.06	4	0.16	15	0.6	20	0.8	8.0	46	5.0	29	-30	-22	80	176	2400			94	Polyurethane thermoplastic (TPU)	Mat (dull finish)	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)			Off-white	-	Not conformable						-	-	
			E-SEXBVT	12	0.05	4	0.16	8	0.3	15	0.6	5.0	29	4.5	26	-30	-22	80	176	2400			94	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Black	Polyester (PET)	2	Polyester fabric (PET)	Fabric			Grey	-	Not conformable						-	-	
			ENB-SEL	15	0.06	-	-	24	0.9	40	1.6	8.0	46	6.0	34	-20	-4	80	176	2400			94	Polyurethane thermoplastic (TPU)	Sand finish	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)			Off-white	-	Not conformable						-	-	
			ENI-10E	15	0.06	-	-	40	1.6	48	1.9	12.0	69	8.0	46	-10	14	60	140	4000			157	Polyurethane thermoplastic (TPU)	Impreg-nated fabric	Non-adhesive	Light grey	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric			Light grey	-	Not conformable						-	-	
			ENU-12ENHMT	2.8	0.11	-	-	160	6.3	250	9.8	15.0	86	13.0	74	0	32	70	158	1500			59	Polyurethane thermoplastic (TPU)	Mat	Non-adhesive	Medium grey	Polyester fabric (PET)	4	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric			Medium grey	-	Not conformable						-	-	
			E-16ENHNU	1.6	0.06	-	-	40	1.6	40	1.6	15.0	86	10.0	57	-20	-4	80	176	2400			94	Polyurethane crosslinked (PUR)	Impreg-nated fabric	Non-adhesive	Grey	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with Polyurethane crosslinked (PUR)	Impregnated fabric			Grey	-	Not conformable						-	-	
			Conveyor and processing belts	EAB-3G	1.1	0.04	-	-	30	1.2	30	1.2	5.0	29	3.0	17	-40	-40	230	446			1400	55	Thermotix	Blank/smooth	Adhesive	Off-white	Glass (GU)	2	Silicone (SI)			Fabric	White	•						Conformable	-	-
					ENI-5P	1.0	0.04	-	-	20	0.8	20	0.8	8.0	46	3.0	17	-20	-4	100			212	2400	94	Thermotix crosslinked (PUR)	Impreg-nated fabric	Non-adhesive	Black	Polyamide (PA)	2			Polyurethane cross-linked (PUR)	Impregnated fabric	Black						-	Not conformable	-
ENI-5AQ	0.5	0.02			-	-	50	2.0	60	2.4	14.0	80	6.0	34	-30	-22	250	482	2700	106	Flexproof	Teflon (PTFE)	Non-adhesive	Off-white	Aramid fabric	1	Teflon (PTFE)	Impregnated fabric	Off-white	•	Not conformable	•	-											
ENI-5EE	1.2	0.05			4	0.16	20	0.8	20	0.8	5.0	29	4.0	23	-30	-22	80	176	2400	94	Flexproof	Polyurethane cross-linked (PUR)	Non-adhesive	Black	Polyester fabric (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	-											
EAT-8P	2.0	0.08			-	-	20	0.8	25	1.0	7.0	40	2.4	14	0	32	100	212	2400	94	Thermotix Butadene-Rubber (NBR)	Rough textile structure	Adhesive	Black	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	-											
ENI-12P	1.6	0.06			-	-	60	2.4	60	2.4	16.0	91	6.5	37	-20	-4	100	212	1200	47	Thermotix crosslinked (PUR)	Impreg-nated fabric	Non-adhesive	Black	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	-											
EFN-20EHHW	6.0	0.24			-	-	50	2.0	60	2.3	12.0	69	10.0	57	-20	-4	100	212	1320	52	Flexproof	Pile fabric	Non-adhesive	Off-white	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	-											
Printing blankets	ENU-20E	2.2			0.08	-	-	80	3.2	80	3.2	20.0	114	12.0	69	-15	5	70	158	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	-	Not conformable	-	-									
		6			0.24	-	-	50	2.0	60	2.3	12.0	69	10.0	57	-20	-4	100	212	1320	52	Flexproof	Wool	Non-adhesive	Off-white	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	-										

Product Group	Product Sub-Group	Belt Type	Technical Data													Joining System	Product Construction/Design					Adapted for food transport			Chemical Resistance Class												
			Thickness	Nosebar Radius (minimum)	Pulley diameter (minimum)	Pulley diameter (minimum) with counter flection	Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)	Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)	Operating temperature admissible (continuous) Min.	Operating temperature admissible (continuous) Max.	Seamless manufacturing width	Standard	Conveying Side	Traction Layer	Running Side		FDA conformance	USDA recommendations	Food suitability, EU conformance																		
Extruded conveyor and processing belts	Printing blankets	ENU-20E1	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric; Fabric (low-noise)	Grey	-	Not conformable	-	6			
			2.6	0.10	-	100	4.0	100	4.0	20.0	114	12.0	69	-15	5	70	158	4000	157																		
		E-20EMB1T	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	-	Not conformable	-	6	
			2.6	0.10	-	48	1.9	60	2.4	20.0	114	11.5	66	-15	5	80	176	2400	94																		
		ENU-50A	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Non-adhesive	Black	Amid	3	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	-	Not conformable	-	6	
			2.3	0.09	-	80	3.2	80	3.2	50.0	266	24.0	137	-15	5	70	158	4000	157																		
		Crosslapper belts	ENA-4EE	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Polyurethane cross-linked (PUR)	Blank/ smooth	Non-adhesive	Black	Polyester (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Black	-	Not conformable	-	6
				0.8	0.03	-	20	0.8	40	1.6	4.0	23	2.4	14	-10	14	70	158	4000	157																	
		Prepress belts	ENA-8EE	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Polyurethane cross-linked (PUR)	Blank/ smooth	Non-adhesive	Black	Polyester (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Black	-	Not conformable	-	6
				1.0	0.04	-	30	1.2	30	1.2	10.0	57	6.0	34	-10	14	70	158	4000	157																	
Forming belts	ENA-151A	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Polyurethane cross-linked (PUR)	Blank/ smooth	Hard/non-adhesive Hydrolysis resistant	Black	Amid	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Black	-	Not conformable	-	6		
		3.8	0.15	-	250	9.8	250	9.8	50.0	266	35.0	200	-20	-4	50	122	3800	150																			
Deagration belts	ENR-12E	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Polyurethane thermoplastic (TPU)	Mat (dull finish)	Medium-adhesive Hydrolysis resistant	Cobalt blue (dark blue)	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	•	Not conformable	•	6		
		1.7	0.07	8	0.31	15	0.6	40	1.6	12.0	69	8.5	49	-30	-22	80	176	4000	157																		
Belts for rubber processing	ENR-15ERN	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Flexproof	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	1	Polyester (PET)	Fabric	White	-	Not conformable	-	6		
		0.9	0.03	-	48	1.9	48	1.9	12.0	69	7.0	40	-30	-22	80	176	3600	142																			
Belts for rubber processing	ENR-15ERN	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Mechanical joining	Cotton (CO)	Fabric	Non-adhesive	Beige	Polyester fabric (PET)	3	Cotton (CO)	Fabric	Beige	-	Not conformable	-	5		
		4.7	0.19	-	150	5.9	150	5.9	15.0	86	10.0	57	0	32	80	176	2750	108																			
		4.7	0.19	-	150	6.0	150	6.0	15.0	86	10.0	57	0	32	80	176	2750	108																			
		4.7	0.19	-	150	6.0	150	6.0	15.0	86	10.0	57	0	32	80	176	2750	108																			
		4.7	0.19	-	150	6.0	150	6.0	15.0	86	10.0	57	0	32	80	176	2750	108																			
Belts for rubber processing	ENR-20ERN	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Mechanical joining	Cotton (CO)	Fabric	Non-adhesive	Beige	Polyester fabric (PET)	4	Cotton (CO)	Fabric	Beige	-	Not conformable	-	5		
		5.6	0.22	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		5.6	0.22	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		5.6	0.22	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		5.6	0.22	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
Belts for rubber processing	ENR-20ERN	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Mechanical joining	Silicone (SI)	Fabric	Non-adhesive	Red	Polyester fabric (PET)	4	Cotton (CO)	Fabric	Beige	-	Not conformable	-	5		
		6.3	0.25	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		6.3	0.25	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		6.3	0.25	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		6.3	0.25	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
Belts for rubber processing	EMB-20ERN	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Mechanical joining	Silicone (SI)	Fabric	Non-adhesive	Red	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	5		
		2.6	0.10	-	100	3.9	150	5.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		2.6	0.10	-	100	3.9	150	5.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		2.6	0.10	-	100	3.9	150	5.9	20.0	114	13.0	74	0	32	80	176	2750	108																			
		2.6	0.10	-	100	3.9	150	5.9	20.0	114	13.0	74	0	32	80	176	2750	108																			

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			Thickness	Nosebar Radius (minimum)			Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064) (*k2% static) (Habasit standard QAD-WI-10-35)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)			Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width	Material	Surface		Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	
Nonwoven conveyor and processing belts	Food conveyor belts	F16/0A/NW5	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Flexproof web/fleece (PET)	Sand finish: Impreg-nated web/fleece	Non-adhesive	White	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure: Butafed/ ground finish	White	•	Not conformable	-	-	-	5
			2.9	0.11	-	-	50	2.0	50	2.0	50	2.0	16.0*	91*	5.3	30	10	50	70															
Nonwoven conveyor and processing belts	Food conveyor belts	F18/0A/NW6	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Flexproof web/fleece (PET)	Impreg-nated web/fleece	Non-adhesive	White	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure	White	•	Not conformable	-	-	-	5
			2.5	0.10	-	-	25	1.0	40	1.6	18.0*	103*	6.0	34	-10	14	80	176	1830															
Nonwoven conveyor and processing belts	Food conveyor belts	F24/0A/NW5	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Flexproof web/fleece (PET)	Sand finish: Impreg-nated web/fleece	Non-adhesive	White	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure: Butafed/ ground finish	White	•	Not conformable	-	-	-	5
			3.6	0.14	-	-	50	2.0	50	2.0	24.0*	137*	8.0	46	10	50	70	158	1830															
High temperature belts	High temperature belts	HTT/A/N500	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Mechanical joining	Aramid (fleece) structure: Butafed/ ground finish	Non-adhesive	Yellow	Aramid	1	Aramid	Non-woven (fleece) structure: Butafed/ ground finish	Yellow	-	Not conformable	-	-	-	-
			12.7	0.50	-	-	76	3.0	76	3.0	-	-	-	-	0	32	427	800	1524															
High temperature belts	High temperature belts	HTT/A/N380A	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Mechanical joining	Aramid (fleece) structure: Butafed/ ground finish	Non-adhesive	Yellow	Aramid	2	Polyester fabric (PET)	Impregnated fabric	White	-	Not conformable	-	-	-	-
			8.0	0.31	-	-	76	3.0	150	5.9	44.0*	251*	-	-	0	32	427	800	1422															
Air gravity conveyor membrane	Air gravity conveyor membrane	AGC/2000	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Mechanical joining	Non-woven structure	Non-adhesive	White	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven structure	White	-	Not conformable	-	-	-	6
			5.5	0.22	-	-	-	-	-	-	-	-	-	-	-	-51	-60	154	310															
Conveyor and processing belts	Conveyor and processing belts	G18/0N/NB6E	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Flexproof	Non-woven structure (impreg-nated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	-	-	5
			2.5	0.10	-	-	30	1.2	50	2.0	18.0*	103*	6.4	37	-10	14	80	176	1830															
Conveyor and processing belts	Conveyor and processing belts	G18/0N/NB6S	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Flexproof	Non-woven structure (impreg-nated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	-	-	5
			2.5	0.10	-	-	30	1.2	50	2.0	18.0*	103*	6.4	37	-10	14	80	176	1830															
Conveyor and processing belts	Conveyor and processing belts	G18/1UH/B6C	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Flexproof	Blank/ smooth	Ultra glossy/ non-adhesive	Trans-parent (black appearance)	Polyester (PET)	1	Polyester web/fleece (PET)	Butafed/ ground finish	Black	-	Not conformable	-	-	-	6
			3.7	0.15	-	-	80	3.2	80	3.2	18.0*	103*	6.4	37	-	-	80	176	1830															

Product Group	Product Sub-Group	Belt Type	Technical Data													Joining System	Product Construction/Design							Admitted for food transport			Chemical Resistance Class																					
			Thickness	Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064) (*k2% static) (Habasit standard QAD-WI-10-35)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.			Operating temperature admissible (continuous) Max.		Seamless manufacturing width	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material		Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73															
Nonwoven conveyor and processing belts	Conveyor and processing belts	G23/0NNB6E	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73												
			4.0	0.16	-	60	2.4	80	3.2	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flextroof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)																Non-woven (fleece) structure (impreg-nated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	5
			4.0	0.16	-	60	2.4	80	3.2	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flextroof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)																Non-woven (fleece) structure (impreg-nated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	5
Nonwoven conveyor and processing belts	Conveyor and processing belts	G23/1UNB6C	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73												
			5.1	0.20	-	100	3.9	100	3.9	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flextroof	Polyurethane Thermoplastic (TPU)																Blank/ smooth	Ultra glossy/ non-adhesive	Trans-parent (black appear-ance)	Polyester (PET)	1	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Butfed/ ground finish	Black	-	Not conformable	-	6
			5.1	0.20	-	100	3.9	100	3.9	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flextroof	Polyurethane Thermoplastic (TPU)																Blank/ smooth	Ultra glossy/ non-adhesive	Trans-parent (black appear-ance)	Polyester (PET)	1	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Butfed/ ground finish	Black	-	Not conformable	-	6
Nonwoven conveyor and processing belts	Conveyor and processing belts	G24/0NNB6E	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73												
			5.6	0.22	-	100	4.0	125	4.9	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flextroof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)																Non-woven (fleece) structure (impreg-nated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	5
			5.6	0.22	-	100	4.0	125	4.9	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flextroof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)																Non-woven (fleece) structure (impreg-nated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	5
Nonwoven conveyor and processing belts	Conveyor and processing belts	G24/0NNI6	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73												
			5.6	0.22	-	100	4.0	100	4.0	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flextroof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)																Non-woven (fleece) structure (impreg-nated)	Non-adhesive	Ice green	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Ice green	-	Not conformable	-	5
			5.6	0.22	-	100	4.0	100	4.0	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flextroof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)																Non-woven (fleece) structure (impreg-nated)	Non-adhesive	Ice green	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Ice green	-	Not conformable	-	5
Nonwoven conveyor and processing belts	Conveyor and processing belts	G26/0NHB3	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73												
			3.4	0.13	-	40	1.6	50	2.0	26.0*	148*	9.0	51	0	32	80	176	1830	72	Flextroof	Polyester web/fleece (PET) saturated with PVC																Non-woven (fleece) structure	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with PVC	Non-woven (fleece) structure	Black	-	Not conformable	-	3
			3.4	0.13	-	40	1.6	50	2.0	26.0*	148*	9.0	51	0	32	80	176	1830	72	Flextroof	Polyester web/fleece (PET) saturated with PVC																Non-woven (fleece) structure	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with PVC	Non-woven (fleece) structure	Black	-	Not conformable	-	3

Product Group	Product Sub-Group	Belt Type	Technical Data													Joining System	Product Construction/Design						Adapted for food transport			Chemical Resistance Class																											
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Material	Surface	Property	Color	Material		Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance																				
Solid woven conveyor and processing belts	Cotton belts	SMC/10AD	mm	in	mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Standard	Conveying Side	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color	FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70-73																
			18	0.07	4	0.16	8	0.3	8	0.3	8	0.3	-	-	-	-	-	-	-50	-59	107	225																-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	1	Cotton	Fabric	Natural	-	Not conformable	-	1
			2.4	0.09	-	-	25	1.0	25	1.0	-	-	-	-	-	-	-	-	-50	-59	107	225																-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	2	Cotton	Fabric	Natural	-	Not conformable	-	1
			3.2	0.13	-	-	51	2.0	51	2.0	-	-	-	-	-	-	-	-	-50	-59	107	225																-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	3	Cotton	Fabric	Natural	-	Not conformable	-	1
			4.7	0.19	-	-	76	3.0	76	3.0	-	-	-	-	-	-	-	-	-50	-59	107	225																-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	4	Cotton	Fabric	Natural	-	Not conformable	-	1
			6.3	0.25	-	-	152	6.0	152	6.0	-	-	-	-	-	-	-	-	-50	-59	107	225																-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	6	Cotton	Fabric	Natural	-	Not conformable	-	1
			2.5	0.10	15	0.59	15	0.6	15	0.6	-	-	-	-	-	-	-	-	-50	-59	107	225																-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	2	Cotton	Fabric	Natural	-	Not conformable	-	1
			1.9	0.08	-	-	25	1.0	25	1.0	-	-	-	-	-	-	-	-	-50	-59	107	225																-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	2	Cotton	Fabric	Natural	-	Not conformable	-	1
			1.1	0.05	-	-	25	1.0	25	1.0	-	-	-	-	-	-	-	-	-50	-59	107	225																-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	1	Cotton	Fabric	Natural	-	Not conformable	-	1
			2.5	0.10	-	-	25	1.0	25	1.0	-	-	-	-	-	-	-	-	-51	-60	154	310																2194	86	Mechanical joining	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	-	Not conformable	-	6
5.0	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-51	-60	154	310	2194	86	Mechanical joining	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	4	Polyester (PET)	Fabric	White	-	Not conformable	-	6																		
5.3	0.21	-	-	76	3.0	76	3.0	-	-	-	-	-	-	-	-	-51	-60	154	310	1829	72	Mechanical joining	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	4	Polyester (PET)	Fabric	White	-	Not conformable	-	6																		
5.7	0.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-51	-60	154	310	2194	86	Mechanical joining	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	5	Polyester (PET)	Fabric	White	-	Not conformable	-	6																		
6.6	0.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-51	-60	154	310	1270	50	Mechanical joining	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	6	Polyester (PET)	Fabric	White	-	Not conformable	-	6																		
70	0.28	-	-	150	5.9	150	79	-	-	-	-	-	-	-	-	0	32	650	1202	305/12/24	610	Mechanical joining	Glass	Rough textile structure	Non-adhesive	Beige	Glass	3	Glass	Rough textile structure	Beige	-	Not conformable	-	-																		
4.8	0.19	-	-	76	3.0	76	3.0	-	-	-	-	-	-	-	-	0	32	427	800	-	-	Mechanical joining	Aramid/Polyacrylnitrile (PAN)	Fabric	Non-adhesive	Yellow/Black	Aramid/Polyacrylnitrile (PAN)	4	Aramid/Polyacrylnitrile (PAN)	Fabric	Yellow	-	Not conformable	-	-																		
4.8	0.19	-	-	76	3.0	76	3.0	-	-	-	-	-	-	-	-	0	32	427	800	305	12	Mechanical joining	Aramid/Steel	Fabric	Non-adhesive	Yellow	Aramid/Steel	4	Aramid/Steel	Fabric	Yellow	-	Not conformable	-	-																		

• YES
- NO

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design										Product Change-tenistics	Chemical Resistance Class				
			Thickness		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flecion		Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.			Coefficient of friction on driving pulley of steel		Seamless manufacturing width		Standard		Conveying Side		Traction Layer				Running Side			
			mm	in	mm	in	mm	in	N/mm	lbs/in	°C	°F	°C	°F		mm	in			Material	Surface	Property	Color	Material	Nr. of fabrics	Material	Surface	Property	Color		
Product Group	S-Polyamide folder-gluer belts	S-10/30	3.0	0.12	30	1.2	30	1.2	5.5	31	0	32	100	212	0.7	1200	47	Thermotix		Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Dark green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Dark green	•	2
			4.0	0.16	40	1.6	40	1.6	5.5	31	0	32	100	212	0.7	1200	47	Thermotix		Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Dark green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Dark green	•	2
			6.0	0.24	60	2.4	60	2.4	8.5	49	0	32	100	212	0.7	1200	47	Thermotix		Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Dark green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Dark green	•	2
Polyester folder-gluer belts	CM-Polyester folder-gluer belts (Flexfold [®])	CM-14/30F	3.0	0.12	30	1.2	30	1.2	9.5	54	-20	-4	65	149	0.7	1200	47	Flexproof		Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Dark green	Polyester fabric (PET)	1	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Dark green	•	2
			4.0	0.16	40	1.6	40	1.6	9.5	54	-20	-4	65	149	0.7	1200	47	Flexproof		Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Dark green	Polyester fabric (PET)	1	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Dark green	•	2
			5.0	0.20	50	2.0	50	2.0	9.5	54	-20	-4	65	149	0.7	1200	47	Flexproof		Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Dark green	Polyester fabric (PET)	1	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Dark green	•	2

• YES
- NO

Product Group	Belt Type			Technical Data																Joining System	Product Construction/Design					Product Chemical Class	Chemical Resistance Class																	
				Thickness			Pulley diameter (minimum)			Pulley diameter (minimum) with counter flection			Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064) (*k8% static) (Habasit standard 320.063)		Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Coefficient of friction on driving pulley of steel		Seamless manufacturing width					Standard			Material	Surface	Property	Color	Material	N° of Fabrics	Material	Surface	Property	Color				
Polyamide machine tapes	A-1	mm	in	mm	in	mm	in	N/mm	lbf/in	N/mm	lbf/in	°C	°F	°C	°F	mm	in	Thermofix	Conveying Side	Acrylonitrile-Butadiene-Rubber (NBR)	Mat (dull finish)	Adhesive	Green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Blank/smooth	Non-adhesive	Black	Permanently antistatic	See separate overview Pages 70-73													
		12	0.05	25	1.0	25	1.0	6.5	37	-	-	-20	-4	100	212	0.3	1200															47												
		F-0	0.7	0.03	15	0.6	15	0.6	-	-	5	14	-20	-4	100	212	0.15															1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Impreg-nated fabric	Non-adhesive	Green
		F-1	1.3	0.05	25	1.0	25	1.0	-	-	4.5	26	-20	-4	100	212	0.15															1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Impreg-nated fabric	Non-adhesive	Green
		F-2	1.8	0.07	60	2.4	60	2.4	-	-	7.5	43	-20	-4	100	212	0.15															1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Impreg-nated fabric	Non-adhesive	Green
		HA-MT-02H	1.4	0.05	15	0.6	15	0.6	0.9*	5*	-	-	-30	-22	60	140	0.7															1200	47	Quickmelt	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Black
		MA-M-04H	1.5	0.06	15	0.6	15	0.6	2.4*	14*	-	-	-30	-22	60	140	0.7															1200	47	Quickmelt	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Black
		MA-M-05HP	1.6	0.06	15	0.6	15	0.6	3.5*	20*	-	-	-30	-22	60	140	0.7															1200	47	Quickmelt	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green (Habasit green)	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Black
		MA-M-05H	1.9	0.07	20	0.8	20	0.8	5.0*	29*	-	-	-30	-22	60	140	0.7															1200	47	Quickmelt	Polyester web/fleace (PET)	Non-woven (fleace) structure	Adhesive	Atriracine	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Black
		MA-B-4E	1.3	0.05	25	1.0	25	1.0	4.0	23	-	-	-20	-4	60	140	0.7															1200	47	Flexproof	Polyurethane thermoplastic (TPU)	Fine structure	Adhesive	Dark green	Polyester fabric (PET)	1	Polyurethane thermoplastic (TPU)	Fine structure	Medium-adhesive	Black
		MA-B-8E	1.3	0.05	25	1.0	25	1.0	8.0	46	-	-	-20	-4	60	140	0.7															1200	47	Flexproof	Polyurethane thermoplastic (TPU)	Fine structure	Adhesive	Dark green	Polyester fabric (PET)	1	Polyurethane thermoplastic (TPU)	Fine structure	Adhesive	Dark green
		MA-M-5E	1.4	0.06	25	1.0	25	1.0	5.0	29	3.0	17	-20	-4	60	140	0.5															1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	Polyester fabric (PET)	1	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Black
		MA-M-5P	1.2	0.05	20	0.8	20	0.8	5.0	29	2.2	13	-20	-4	60	140	0.2															1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	Polyamide (PA)	1	Hamid	Blank/smooth	Non-adhesive	Black
MA-M-9P	1.8	0.07	30	1.2	30	1.2	8.0	46	-	-	-20	-4	60	140	0.2	1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	Polyamide (PA) fabric/ Hamid foil	1	Hamid	Blank/smooth	Non-adhesive	Black																
MA-T-5P	1.5	0.06	20	0.8	20	0.8	5.0	29	2.4	14	-20	-4	60	140	0.2	1200	47	Flexproof	Ethylene-Propylene-Terpolymer (EPDM) also called EPT	Rough structure	Adhesive	Green	Polyamide (PA)	1	Hamid	Blank/smooth	Non-adhesive	Black																
MN-N-10E	1.8	0.07	25	1.0	25	1.0	10.0	57	5.0	29	-20	-4	60	140	0.7	1200	47	Flexproof	Non-woven (PET/PP)	Non-woven (fleace) structure	Non-adhesive	Grey	Polyester fabric (PET)	1	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Black																
MN-T-5P	1.0	0.04	20	0.8	20	0.8	6.0	34	-	-	-20	-4	60	140	0.2	1200	47	Flexproof	Polyurethane cross-linked (PUR)	Fabric: Coated	Non-adhesive	Black	Polyurethane thermoplastic (TPU)	2	Polyurethane cross-linked (PUR)	Fabric: Coated	Non-adhesive	Black																
MN-T-9P	1.8	0.07	25	1.0	25	1.0	8.0	46	5.0	29	-20	-4	66	157	0.25	1200	47	Flexproof	Polyamide (PA) fabric	Fabric	Non-adhesive	Light grey	Polyamide (PA) fabric/ Hamid foil	1	Polyamide (PA) fabric	Fabric	Non-adhesive	Light grey																
MN-T-6P	1.5	0.06	20	0.8	20	0.8	6.0	34	-	-	-20	-4	60	140	0.2	1200	47	Flexproof	Polyurethane cross-linked (PUR)	Fabric: Coated	Non-adhesive	Black	Polyurethane thermoplastic (TPU)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green																

- YES
- NO

Product Group	Product Sub-Group	Belt Type	Technical Data												Joining System	Product Construction/Design				Product Characteristic	Chemical Resistance Class																			
			Thickness		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013)		Nominal peripheral force per unit of width		Operating temperature admissible (continuous) Min.			Operating temperature admissible (continuous) Max.		Seamless manufacturing width				Friction cover	Traction Layer	Reverse cover																
			mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in	Material	Surface	Color	Material	Surface	Color																
Polyamide power transmission belts	S-Tangential/flat belts	S-10/15	15	0.06	25	1.0	25	1.0	3.9	22	10	57	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2											
			S-18/20	2.0	0.08	60	2.4	60	2.4	7.5	43	18	103	183	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2									
				S-18/30	3.0	0.12	60	2.4	60	2.4	7.6	43	18	103	183	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2								
					S-33/30	3.0	0.12	110	4.3	110	4.3	12.5	71	33	103	183	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2							
						S-33/40	4.0	0.16	110	4.3	110	4.3	12.5	71	33	188	188	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2						
							S-33/50	5.0	0.20	110	4.3	110	4.3	12.6	72	33	188	188	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2					
								S-140H	1.7	0.07	25	1.0	25	1.0	6.0	34	14	80	80	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Green	Double-sided power transmission	•	2				
									S-141H	2.3	0.09	25	1.0	25	1.0	6.0	34	14	80	80	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Green	Double-sided power transmission	•	2			
										S-250H	2.3	0.09	60	2.4	60	2.4	12.0	69	25	143	143	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Green	Double-sided power transmission	•	2		
											S-250HR	2.6	0.10	60	2.4	60	2.4	12.0	69	25	143	143	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	•	2	
												S-251H	3.0	0.12	60	2.4	60	2.4	12.0	69	25	143	143	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	•	2
													S-321H	3.2	0.13	100	4.0	100	4.0	15.0	86	32	183	183	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	•
S-380H	3.2	0.13												120	4.7	120	4.7	17.0	97	39	223	223	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	•	2	
	S-391H	4.0	0.16											120	4.7	120	4.7	17.0	97	39	223	223	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Yellow	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Green	Double-sided power transmission	•	2	

• YES
- NO

Product Sub-Group	Belt Type	Technical Data										Joining System	Product Construction/Design				Product Characteristic	Chemical Resistance Class								
Product Group	A-Flat belts	Thickness		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013)		Nominal peripheral force per unit of width		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width	Standard	Friction cover	Traction Layer	Reverse cover	Surface	Color	Drive determination	Permanently antistatic	See separate overview Pages 70-73	
		mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F											mm
Polyamide power transmission belts	A-2	2.7	0.11	60	2.4	60	2.4	75	43	20	111	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Black	One-sided power transmission	•	2
	A-3	3.4	0.13	110	4.3	110	4.3	125	71	32	183	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Black	One-sided power transmission	•	2
	A-4	5.0	0.20	240	9.4	240	9.4	22.6	129	53	303	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Black	One-sided power transmission	•	2
	A-5	6.8	0.27	340	13.4	340	13.4	32.8	187	90	514	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Black	One-sided power transmission	•	2
	A-2LL	3.1	0.12	80	3.2	80	3.2	3.8	22	15	83	-20	-4	80	176	450	18	Thermofix	Chrome leather	Polyamide (PA)	Chrome leather	Leather structure	Light grey	Double-sided power transmission	-	1
	A-2LT	2.2	0.09	60	2.4	60	2.4	3.8	22	15	83	-20	-4	80	176	450	18	Thermofix	Chrome leather	Polyamide (PA)	Polyamide (PA) fabric	Rough structure	Light grey	One-sided power transmission	-	1
	A-3LL	4.2	0.17	120	4.7	120	4.7	8.0	46	22	126	-20	-4	80	176	450	18	Thermofix	Chrome leather	Polyamide (PA)	Chrome leather	Leather structure	Light grey	Double-sided power transmission	-	1
	A-3LT	3.2	0.13	110	4.3	110	4.3	8.0	46	22	126	-20	-4	80	176	450	18	Thermofix	Chrome leather	Polyamide (PA)	Polyamide (PA) fabric	Rough structure	Light grey	One-sided power transmission	-	1
	A-4LL	6.4	0.25	240	9.5	240	9.5	18.0	103	39	223	-20	-4	80	176	580	23	Thermofix	Chrome leather	Polyamide (PA)	Chrome leather	Leather structure	Light grey	Double-sided power transmission	-	1
	A-4LT	4.8	0.19	240	9.5	240	9.5	18.0	103	39	223	-20	-4	80	176	580	23	Thermofix	Chrome leather	Polyamide (PA)	Polyamide (PA) fabric	Rough structure	Light grey	One-sided power transmission	-	1
Aramid power transmission belts	TF-10	1.7	0.07	25	1.0	25	1.0	10.0	57	10	57	-20	-4	65	149	1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Aramid	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (w/nil side)	Fine structure	Black	Double-sided power transmission	•	2
	TF-15	2.0	0.08	32	1.3	32	1.3	15.0	86	15	86	-20	-4	65	149	1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Aramid	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Black	Double-sided power transmission	•	2
	TF-15H	1.5	0.06	32	1.3	32	1.3	15.0	86	15	86	-20	-4	65	149	1200	47	Flexproof	Hamid	Aramid	Hamid	Fine structure	White	Double-sided power transmission	•	2
	TF-22	2.4	0.09	63	2.5	63	2.5	22.0	126	22	126	-20	-4	65	149	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Aramid	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Black	Double-sided power transmission	•	2
	TF-33	3.0	0.12	90	3.5	90	3.5	33.0	188	33	188	-20	-4	65	149	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Aramid	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Black	Double-sided power transmission	•	2
	TF-50	3.9	0.15	140	5.5	140	5.5	50.0	286	50	286	-20	-4	65	149	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Aramid	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Black	Double-sided power transmission	•	2
	TF-75TE	4.4	0.17	200	8.0	200	8.0	75.0	428	75	428	-20	-4	65	149	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Aramid	Polyester (PET)/Cotton (CO) fabric as friction cover (reverse side)	Rough structure	Black	One-sided power transmission	•	2

• YES
- NO

Product Group	Sub-Group	Belt Type	Technical Data														Joining System	Product Construction/Design				Product Characteristics		Chemical Resistance Class					
Product Group	Sub-Group	Belt Type	Thickness		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013)		Nominal peripheral force per unit of width		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width	Standard	Friction cover	Traction Layer	Reverse cover	Drive determination	Permanently antistatic	See separate overview Pages 70-73					
			mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F									mm	in	Material	Surface	Color
Polyester power transmission belts	TC-Tangential/flat belts	TC-20ZF	2.0	0.08	25	1.0	25	1.0	10.0	57	20	114	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	Polyester fabric (PET)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Light green	Double-sided power transmission	•	2
			2.5	0.10	50	2.0	50	2.0	12.0	69	25	143	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	Polyester fabric (PET)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Light green	Double-sided power transmission	•	2
			2.5	0.10	50	2.0	50	2.0	17.0	97	35	200	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	Polyester fabric (PET)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2
			3.0	0.12	50	2.0	50	2.0	17.0	97	35	200	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	Polyester fabric (PET)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2
			3.5	0.14	50	2.0	70	2.8	17.0	97	35	200	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	Polyester fabric (PET)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2
			3.0	0.12	70	2.8	70	2.8	26.0	148	55	314	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	Polyester fabric (PET)	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Rough structure	Light green	Double-sided power transmission	•	2
			2.2	0.09	50	2.0	50	2.0	12.0	69	25	143	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	PET fabric (Polyethylen-eterephthalel)	Hamid foil	Fine structure	White	One-sided power transmission	•	2
			2.6	0.10	50	2.0	50	2.0	17.0	97	35	200	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	PET fabric (Polyethylen-eterephthalel)	Hamid foil	Fine structure	White	One-sided power transmission	•	2
			2.0	0.08	60	2.4	60	2.4	23.0	131	50	286	-20	-4	70	158	1100	43	Flexproof	Hamid Foil	Fine structure	White	PET fabric (Polyethylen-eterephthalel)	Hamid foil	Fine structure	White	Double-sided power transmission	•	2
			2.7	0.11	70	2.8	70	2.8	26.0	148	55	314	-20	-4	70	158	1100	43	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Rough structure	Black	PET fabric (Polyethylen-eterephthalel)	Hamid foil	Fine structure	White	One-sided power transmission	•	2
3.2	0.13	60	2.4	60	2.4	15.0	86	43	246	-20	-4	65	149	1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	PET fabric (Polyethylen-eterephthalel)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	Double-sided power transmission	•	2			

Product Group	Belt Type	Technical Data						Mass of belt per meter (belt weight)	Pulley diameter minimum	Tensile force for 8% elongation k8%	Nominal peripheral force F _{LN}	Operating temperatur ¹⁾ admissible continuous		Coefficient of friction μ on steel pulleys ²⁾	Coil lenght: Tolerance +1%/0%	Explanations	
		Diameter	Material	Reinforced	Shore A	FDA/USDA conformable	Permanently antistatic					°C	°F				
Habiscord round belts	Habiscord 3	3	Polyurethane	-	85	-	-	8	30	17	12	-20/50	-4/122	0.5	300		
	Habiscord 4	4	Polyurethane	-	85	-	-	17	40	21	15	-20/50	-4/122	0.5	250		
	Habiscord 5	5	Polyurethane	-	85	-	-	25	50	35	25	-20/50	-4/122	0.5	250		
	Habiscord 6	6	Polyurethane	-	85	-	-	35	60	49	35	-20/50	-4/122	0.5	250		
	Habiscord 7	7	Polyurethane	-	85	-	-	48	70	70	50	-20/50	-4/122	0.5	200		
	Habiscord 8	8	Polyurethane	-	85	-	-	58	80	80	60	-20/50	-4/122	0.5	200		
	Habiscord 10	10	Polyurethane	-	85	-	-	96	100	146	100	-20/50	-4/122	0.5	100		
	Habiscord 12	12	Polyurethane	-	85	-	-	131	120	200	140	-20/50	-4/122	0.5	100		
	Habiscord 15	15	Polyurethane	-	85	-	-	208	150	250	175	-20/50	-4/122	0.5	50		
	Habiscord 20/7	20/7	Polyurethane	-	85	-	-	290	200	350	240	-20/50	-4/122	0.5	50		
	Smooth Habiscord	Habiscord 8 smooth	8	Polyurethane	-	85	-	-	60	80	115	200	-20/50	-4/122	0.6	200	
		Habiscord 10 smooth	10	Polyurethane	-	85	-	-	94	100	225	175	-20/50	-4/122	0.6	100	
		Habiscord 12 smooth	12	Polyurethane	-	85	-	-	133	120	330	255	-20/50	-4/122	0.6	100	
	Rough Habiscord	Habiscord 3 rough	3	Polyurethane	-	85	-	-	9	30	17	10	-20/50	-4/122	0.4	300	
		Habiscord 4 rough	4	Polyurethane	-	85	-	-	15	40	30	20	-20/50	-4/122	0.4	250	
Habiscord 5 rough		5	Polyurethane	-	85	-	-	24	50	48	30	-20/50	-4/122	0.4	250		
Habiscord 6 rough		6	Polyurethane	-	85	-	-	34	60	73	45	-20/50	-4/122	0.4	250		
Habiscord 8 rough		8	Polyurethane	-	85	-	-	57	80	125	75	-20/50	-4/122	0.4	200		
Reinforced Habiscord RB	Habiscord RB 10	10	Polyurethane	●	85	-	-	95	100	200	200	-20/50	-4/122	0.7	100		
	Habiscord RB 12	12	Polyurethane	●	85	-	-	136	120	220 ³⁾	230	-20/50	-4/122	0.7	100		
Extraelastic	Extra-Elastic 5	5	Polyurethane	-	75	-	-	25	50	30	20	-20/50	-4/122	0.4	250		
	Extra-Elastic 6	6	Polyurethane	-	75	-	-	36	60	48	30	-20/50	-4/122	0.4	250		
Polywhite	Polywhite 3	3	Polyurethane	-	85	-	-	10	30	19	15	-20/50	-4/122	0.4	300		
	Polywhite 4	4	Polyurethane	-	85	-	-	16	40	30	20	-20/50	-4/122	0.4	250		
	Polywhite 5	5	Polyurethane	-	85	-	-	25	50	50	35	-20/50	-4/122	0.4	250		
	Polywhite 6	6	Polyurethane	-	85	-	-	36	60	75	50	-20/50	-4/122	0.4	250		
	Polywhite 7	7	Polyurethane	-	85	-	-	46	70	96	65	-20/50	-4/122	0.4	200		
	Polywhite 8	8	Polyurethane	-	85	-	-	60	80	139	100	-20/50	-4/122	0.4	200		
	Polywhite 10	10	Polyurethane	-	85	-	-	94	100	239	160	-20/50	-4/122	0.4	100		
	Polywhite 12	12	Polyurethane	-	85	-	-	97	120	295	200	-20/50	-4/122	0.4	100		
	Polywhite 15	15	Polyurethane	-	85	-	-	208	150	550	380	-20/50	-4/122	0.4	50		

● yes
- no

All indicators are approximate values under standard climatic conditions of 23 °C/73 °F and 50% humidity (DIN 50005/ISO 554).

Class of chemical resistance: 6
¹⁾ If used in the high temperature range, the service life of the belt is reduced.

²⁾ No calculation value

³⁾ For 1% elongation

Other colors on request and depending on the order quantity

• YES
- NO

Belt Type	Technical Data										Joining System	Product Construction/Design			Product Characteristics		Chemical Resistance Class		
	Diameter		Mass of belt (belt weight)		Pulley diameter (minimum)		Elongation (k8% static per unit of width (Habasit standard 320.063))		Nominal peripheral force per unit of width			Coefficient of friction on driving pulley of steel	Standard	Friction cover	Traction Layer	Shore Hardness		Permanently antistatic	
	mm Ø	in	kg/m	lbs/ft	mm	in	N/m	lbs/in	N	lbs			Material	Surface	Color	Material			
Product Group	Polycord round belt																		
R-2	2	0.08	0.004	0.003	20	0.8	6.0	1	4	1	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green	Polyurethane thermoplastic (TPU)	90	-	6
R-3	3	0.12	0.009	0.006	30	1.2	13.0	3	9	2	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6
R-4	4	0.16	0.015	0.010	40	1.6	22.0	5	15	3	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6
R-5	5	0.20	0.024	0.016	50	2.0	35.0	8	24	5	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6
R-6	6	0.24	0.034	0.023	60	2.4	50.0	11	34	8	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6
R-7	7	0.28	0.046	0.031	70	2.8	70.0	16	46	10	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6
R-8	8	0.32	0.060	0.040	80	3.1	90.0	20	60	13	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6
R-10	10	0.39	0.094	0.063	100	3.9	140.0	31	94	21	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6
R-12	12	0.47	0.136	0.091	120	4.7	200.0	45	136	31	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6
R-15	15	0.59	0.212	0.143	150	5.9	315.0	71	212	48	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	-	6

● YES
— NO

Product Group	Product Sub-Group	Belt Type	Technical Data														Joining System	Product Construction/Design						Product Characteristic	Chemical Resistance Class					
			Thickness		Pulley diameter		Pulley diameter minimum with counter flection		Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013)		Nominal peripheral force per unit of width		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.			Seamless manufacturing width		Standard	Friction cover (pulley side)		Traction Layer			Reverse cover (whirl side)				
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm		in	Material	Surface	Color	Material	Material	Surface	Color		
Polyamide Spindle tapes	TS/HS-Spindle tapes	TS-5	0.6	0.02	15	0.6	15	0.6	15	0.6	1.5	9	4	20	-20	-4	100	212	1200	47	Thermotix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Sand finish	Green	Polyamide (PA) fabric	Polyamide (PA) (CEU) as friction cover (whirl side)	Fabric	Yellow	●	2
			0.8	0.03	15	0.6	15	0.6	15	0.6	2.0	11	5	29	-20	-4	100	212	1200	47	Thermotix	Polyamide (PA) fabric as friction cover (pulley/cylinder side)	Fabric	Light green	Polyamide (PA) fabric as friction cover (whirl side)	Fabric	Yellow	—	2	
			0.9	0.03	15	0.6	15	0.6	15	0.6	2.5	14	7	37	-20	-4	100	212	1200	47	Thermotix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Sand finish	Green	Polyamide (PA) foil	Polyamide (PA)/Cotton (CO) fabric as friction cover (whirl side)	Fabric	Yellow	●	2
			0.6	0.02	15	0.6	15	0.6	15	0.6	1.0	6	3	14	-20	-4	100	212	450	18	Thermotix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Sand finish	Green	Polyamide (PA) fabric	Polyamide (PA)/Cotton (CO) fabric as friction cover (whirl side)	Fabric	Beige	●	2
			0.9	0.03	15	0.6	15	0.6	15	0.6	2.0	11	6	34	-20	-4	100	212	85	3	Thermotix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Sand finish	Green	Polyamide (PA) foil	Polyamide (PA)/Cotton (CO) fabric as friction cover (whirl side)	Fabric	Beige	●	2
Polyester Spindle tapes	W-Spindle tapes	W-8	0.7	0.03	15	0.6	15	0.6	4.5	26	4	20	-20	-4	60	140	1200	47	Flexproof	Polyurethane thermoplastic (TPU) as friction cover (pulley/cylinder side)	Blank/smooth	Black	Polyester (PET)/Cotton (CO) fabric	Polyester (PET)/Cotton (CO) fabric as friction cover (whirl side)	Impregnated fabric	Green	●	6		
			0.8	0.03	15	0.6	15	0.6	7.0	40	7	40	-20	-4	60	140	1200	47	Flexproof	Polyurethane thermoplastic (TPU) as friction cover (pulley/cylinder side)	Blank/smooth	Black	Polyester (PET)/Cotton (CO) fabric	Polyester (PET)/Cotton (CO) fabric as friction cover (whirl side)	Impregnated fabric	Green	●	6		

Abbreviations / Legend
 EPDM = Ethylene-propylene-terpolymer (also called EPT)
 NBR = Acrylonitrile-butadiene rubber
 VFSS = Vertical form fill seal machine

◐ Green = Groundflour
 ◐ Blue = Ultra violet
 ◐ Yellow = No

Product Group	Product Sub-Group	Belt Type	Product Features				Cover Material				Product Substrate	Construction	Cover Material		Technical Data				Cover Material											
			Substrate	Abrasion Resistance	Antistatic	Oil Resistance	Surface Colour	Wear Resistance	Chemical Resistance	Surface Colour			Type	Surface Hardness	Thickness	Mass of belt	Pulley Diameter (minimum)	Tensile force for 1% elongation (static)	Tensile force (admissible)	Operating Temperature (admissible)	Dynamic Coefficient of Friction	Surface Structure	Manufacturing Dimensions	Dimensional Tolerance	Specific Gravity	Dynamic Coefficient of Friction on copier paper (0.1 mm & 75 gsm)	Operating Temperature (admissible)	Cover Thickness		
Rubber coated seamless belts	Grabber	RPHGH04	Stable	Very Good	●	Excellent	Black	Fair	Alcohol	Red	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	1.3	1.2	100	16.0	100	0.5	Smooth	250 mm for belts having circumference up to 635 mm; otherwise 305 mm	Width Circum. min./max. mm	Width /mm	Thick- Press +mm	Circum. -mm	1.2	2.3	100	1.2
		RPHGA01	Stable	Very Good	●	Excellent	Black	Fair	Alcohol	Tan	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	40	1.3	1.0	100	16.0	100	0.5	Smooth	minimum 500 mm; maximum 2030 mm	Width /mm	Width Press +mm	Circum. -mm	1.0	2.1	100	1.4	
		RPHGC03	Stable	Very Good	●	Excellent	Black	Good	Alcohol, Oils, Ozone and UV	Green	Polyester	Chloroprene Rubber (impregnated)	Polyurethane Rubber	55	1.3	1.2	100	16.0	107	0.5	Smooth	+/- 0.8 mm for belts having width upto 100 mm; otherwise +/- 1.6 mm	Width /mm	Width Press +mm	Circum. -mm	1.2	0.9	100	1.1	
		RPHG04	Stable	Very Good	●	Excellent	Black	Poor	Alcohol	Off White	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	1.3	1.3	100	16.0	100	0.5	Smooth	+/- 0.25 mm for belts having thickness up to 8 mm; otherwise +/- 0.4 mm	Width /mm	Width Press +mm	Circum. -mm	1.3	2.4	100	1.3	
		RPHGC01	Stable	Very Good	●	Excellent	Black	Good	Alcohol	Green	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	55	1.3	1.1	100	16.0	100	0.5	Smooth	+/- 3 mm for belts having circumference upto 1270 mm; otherwise +/- 6 mm	Width /mm	Width Press +mm	Circum. -mm	1.1	1.9	100	1.1	
		RPHGE03	Stable	Very Good	●	Excellent	Black	Good	Ketones, Alcohol, Acids, Minerals	Black	Polyester	Chloroprene Rubber (impregnated)	EPDM Rubber	50	1.3	1.2	100	16.0	120	0.5	Smooth		Width /mm	Width Press +mm	Circum. -mm	1.3	0.8	160	1.3	
		RNSFH04	Semi-Elastic	Very Good	●	Excellent	Black	Fair	Alcohol	Red	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	0.9	1.2	3.3	5.3	100	0.6	Fine Textured		Width /mm	Width Press +mm	Circum. -mm	1.2	2.3	100	1.2	
		RNSFA01	Semi-Elastic	Very Good	●	Excellent	Black	Fair	Alcohol	Tan	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	40	0.9	1.0	3.3	5.3	100	0.6	Fine Textured		Width /mm	Width Press +mm	Circum. -mm	1.0	2.1	100	1.0	
		RNSFC01	Semi-Elastic	Very Good	●	Excellent	Black	Good	Alcohol	Green	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	55	0.9	1.1	3.3	5.3	100	0.6	Fine Textured		Width /mm	Width Press +mm	Circum. -mm	1.1	1.9	100	1.1	
		RNSFG04	Semi-Elastic	Very Good	●	Excellent	Black	Poor	Alcohol	Off White	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	0.9	1.3	3.3	5.3	100	0.6	Fine Textured		Width /mm	Width Press +mm	Circum. -mm	1.3	2.4	100	1.3	
		RNSFC03	Semi-Elastic	Very Good	●	Excellent	Black	Excellent	Oils, Ozone and UV	Green	Polyurethane Rubber	Nitrile Rubber	55	0.9	1.2	3.3	5.3	107	0.6	Fine Textured		Width /mm	Width Press +mm	Circum. -mm	1.2	0.9	100	1.2		
		RNSFG06	Semi-Elastic	Very Good	●	Excellent	Black	Very Good	Alcohol, Oils	Off White	Polyester	Chloroprene Rubber (impregnated)	Nitrile Butadiene Rubber	60	0.9	1.4	3.3	5.3	107	0.6	Textured		Width /mm	Width Press +mm	Circum. -mm	1.4	0.9	105	1.4	
		RNSFE03	Semi-Elastic	Very Good	●	Excellent	Black	Good	Ketones, Alcohol, Acids, Minerals	Black	Polyester	Chloroprene Rubber (impregnated)	EPDM Rubber	50	0.9	1.4	3.3	5.3	120	0.6	Fine Textured		Width /mm	Width Press +mm	Circum. -mm	1.3	0.8	160	1.3	
RH02H04	Semi-Elastic	Excellent	●	Excellent	Black	Fair	Alcohol	Red	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	35	1.2	1.2	3.9	8.0	100	0.3	Smooth		Width /mm	Width Press +mm	Circum. -mm	1.2	2.3	100	1.2			
RH02A01	Semi-Elastic	Excellent	●	Excellent	Black	Fair	Alcohol	Tan	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	40	1.2	1.0	3.9	8.0	100	0.3	Smooth		Width /mm	Width Press +mm	Circum. -mm	1.0	2.1	100	1.0			
RH02C01	Semi-Elastic	Excellent	●	Excellent	Black	Good	Alcohol	Green	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	55	1.2	1.1	3.9	8.0	100	0.3	Smooth		Width /mm	Width Press +mm	Circum. -mm	1.1	1.9	100	1.1			
RH02G04	Semi-Elastic	Excellent	●	Excellent	Black	Poor	Alcohol	Off White	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	35	1.2	1.3	3.9	8.0	100	0.3	Smooth		Width /mm	Width Press +mm	Circum. -mm	1.3	2.4	100	1.3			
RH02C03	Semi-Elastic	Excellent	●	Excellent	Black	Excellent	Oils, Ozone and UV	Green	Polyamide	Polyurethane Rubber (spread-coated)	Polyurethane Rubber	55	1.2	1.2	3.9	8.0	100	0.3	Smooth		Width /mm	Width Press +mm	Circum. -mm	1.2	0.9	100	1.2			
RH02G06	Semi-Elastic	Excellent	●	Excellent	Black	Very Good	Alcohol, Oils	Off White	Polyamide	Polyurethane Rubber (spread-coated)	Nitrile Butadiene Rubber	60	1.2	1.4	3.9	8.0	100	0.3	Smooth		Width /mm	Width Press +mm	Circum. -mm	1.4	0.9	105	1.4			
RH02E03	Semi-Elastic	Excellent	●	Excellent	Black	Good	Ketones, Alcohol, Acids, Minerals	Black	Polyamide	Polyurethane Rubber (spread-coated)	EPDM Rubber	50	1.2	1.2	3.9	8.0	100	0.3	Smooth		Width /mm	Width Press +mm	Circum. -mm	1.3	0.8	160	1.3			

Product Group	Product Sub-Group	Belt Type	Product Features							Product Construction			Technical Data										Dimensional Tolerance	Circum. +/- mm	Thickness +/- mm		
			Product Type	Abrasion Resistance (relative)	Antistatic	Oil Resistance	Non-Marking Properties	Surface Colour	Traction Layer	Impregnated Elastomer	Thickness mm	Mass of belt kg/m ²	Pulley Diameter (minimum) mm	Tensile force for 1% elongation (static) K 1% N/mm	Tensile force (admissible) K adm N/m	Operating Temperature (admissible) °C	Operating Speed (admissible) m/sec.	Dynamic Coefficient of Friction On steel pulley	On copper paper (0.1 mm & 7.5 gsm)	Surface Structure Running side	Conveying side	Manufacturing Dimensions Width max. mm				Circum. min./max. mm	
Traditional seamless belts	Panther	400 Panther	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		0.9	1.0	15	11	18	-25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080	+/- 0.4 mm for belts upto 6.4 mm width +/- 0.8 mm for belts of 6.4 mm to 127 mm width +/- 1.6 mm for wider belts		0.15
		W1002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber		0.9	1.0	15	11	18	-30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080		0.15	
		W1005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber		0.9	0.9	15	11	18	-35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080		0.15	
		200A	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber		0.8	1.0	15	11	18	-25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080		0.15	
		Panther H	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		1.3	1.4	19	10	16	-25 to 100	65	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080		0.25	
		W3002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber		1.3	1.6	19	10	16	-30 to 100	65	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080		0.25	
		W3005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber		1.1	1.3	19	10	16	-35 to 160	65	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080		0.25	
		W3009	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber		1.1	1.4	19	10	16	-25 to 100	65	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080		0.25	
		Panther L	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		0.6	0.7	6	5	8	-25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080		0.15	
		W2002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber		0.6	0.7	6	5	8	-30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080		0.15	
		W2005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber		0.6	0.7	6	5	8	-35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080		0.15	
		W2009	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber		0.5	0.7	6	5	8	-25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080		0.15	
		Panther VL	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		0.5	0.5	5	3	5	-25 to 100	75	0.6	0.8	Smooth	Rough	6 to 305	178 to 5080		0.4	
W4002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber		0.5	0.5	5	3	5	-30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080		0.4			
W4005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber		0.5	0.5	5	3	5	-35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080		0.4			
W4009	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber		0.4	0.5	5	3	5	-25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080		0.4			
W3001	Stable	Very Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		1.3	1.4	19	10	16	-25 to 100	65	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080		0.25			
W1011	Stable	Very Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		0.9	1.0	15	11	18	-25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080		0.15			
W1009	Stable	Good	-	Good	Excellent	Brown	Polyester	Chloroprene Rubber		0.8	1.0	15	11	18	-25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080		0.15			
E2631	Stable	Good	●	Good	Good	Black	Polyester	Chloroprene Rubber		1.3	1.2	19	10	16	-25 to 100	65	0.3	0.6	Smooth	Textured	6 to 305	178 to 5080		0.25			

Abbreviations / Legend
 EPDM = Ethylene-propylene-terpolymer (also called EPT)
 NBR = Acrylo-nitrile-butadiene rubber
 VFS = Vertical form fill seal machine

Circum. = Circumference
 UV = Ultra violet
 ● = yes
 - = no

Belt Types	Belt Code	Belt Style	Pitch	Standard color	Open area	Belt thickness (S)	Open hinge	Nominal strength at 23 °C/73.4 °F			Belt weight			Food suitability		
								N/m ² lb./ft.	PP rod	PE rod	POM/AC PA rod	PP rod	PE rod	POM/AC PA rod	FDA conformance	USDA recommend.
	M1220	Flat Top	12.7 0.5	W G	N B	0	10.0 0.39	yes	9,000 6,000	19,000 1,233	5.5 1.13	5.8 1.19	8.2 1.88	●	●	●
	M1220	GripTop	12.7 0.5	W G	- -	0	12.5 0.99	yes	9,000 6,20	-	6.5 1.33	4.2 0.86	7 1.43	●	●	●
	M1233	Flush Grid	12.7 0.5	W G	N B	25	10.0 0.39	yes	11,000 7,50	19,000 1,233	4 0.82	4.9 1.06	5.2 1.13	●	●	●
	M2510	Flat Top	25.4 1	W G	N W	0	11.0 0.43	yes	12,000 8,20	20,000 1,370	4.9 1.00	5.2 1.06	8.1 1.66	●	●	●
	M2511	Mesh Top	25.4 1	W G	N W	16	11.0 0.43	yes	11,000 7,50	19,000 1,233	4.9 1.00	5.2 1.06	8.1 1.66	●	●	●
	M2520	Flat Top	25.4 1	W G	N B	0	10.0 0.39	no	14,000 9,60	9,000 6,20	6.2 1.27	6.5 1.33	9.2 1.88	●	●	●
	M2520	GripTop	25.4 1	W G	- B	0	14.0 0.55	no	14,000 9,60	-	8.7 1.74	11.4 2.33	11.4 2.33	●	●	●
	M2520	Roller Top	25.4 1	- B	- B	0	Roller 15	yes	depending on pattern see datasheet	-	-	-	7.1 1.45	●	●	●
	M2531	Raised Rib	25.4 1	G B	- B	35	16.0 0.63	yes	16,000 1,100	-	6.8 1.39	-	10.4 2.13	●	●	●
	M2533	Flush Grid	25.4 1	W G	N B	35	10.0 0.39	yes	13,000 8,90	8,000 5,50	4.6 0.94	5.1 1.04	7.1 1.45	●	●	●
	M2533	GripTop	25.4 1	W G	- B	35	14.0 0.55	yes	13,000 8,90	-	6.5 ²⁾ 1.33	-	9.3 ²⁾ 1.91	●	●	●
	M2533	Roller Top	25.4 1	- B	- B	35	Roller 15	no	depending on pattern see datasheet	-	-	-	8.4 1.72	●	●	●
	M2540	Flush Grid	25.4 1	W G	- W	35	11.0 0.43	yes	19,000 ¹⁾ 1,300 1,000 ²⁾ 225	-	4.7 0.96	-	7.0 1.43	●	●	●
	M2540	Radius Grid Top	25.4 1	W G	- -	35	11.0 0.43	yes	19,000 ¹⁾ 1,300 1,000 ²⁾ 225	-	4.7 0.96	-	7.0 1.43	●	●	●
	M2540	Radius Roller Top	25.4 1	- W	- W	35	Roller 15	yes	depending on pattern see datasheet	-	-	-	7.0 1.44	●	●	●
	M2543	Tight Radius	25.4 1	W G	- W	35	12.7 0.50	yes	14,000 ¹⁾ 960 800 ²⁾ 180	-	5.5 1.13	-	8.0 1.63	●	●	●
	M2620	Flat Top Heavy	25.4 1	- G	- G	0	12.7 0.5	no	-	-	-	-	14.0 2.88	●	●	●
	M3840	Flush Grid	38.1 1.5	W G	- W	31	18.0 0.70	yes	25,000 ¹⁾ 1,712 2,000 ²⁾ 450	-	8.0 1.64	-	11.8 2.42	●	●	●
	M3843	Tight Radius	38.1 1.5	W G	- W	37	18 0.7	yes	20,000 ¹⁾ 1,370 1,800 ²⁾ 405	-	7.0 1.44	-	10.2 2.09	●	●	●
	M3840	Radius Roller Top	38.1 1.5	- W	- W	31	Roller 24	yes	depending on pattern see datasheet	-	-	-	11.8 2.42	●	●	●

Belt Types	Belt Code	Belt Style	Pitch	Standard color	Open area	Belt thickness (S)	Open hinge	Nominal strength at 23 °C/73.4 °F			Belt weight			Food suitability		
								N/m ² lb./ft.	PP rod	PE rod	POM/AC PA rod	PP rod	PE rod	POM/AC PA rod	FDA conformance	USDA recommend.
	M5010	Flat Top	50.8 2	W G	N W	0	16.0 0.63	yes	18,000 1,230	10,000 690	9.0 1.84	9.4 1.92	13.5 2.76	●	●	●
	M5010	Roller Top	50.8 2	- W	- W	0	Roller 23	yes	depending on pattern see datasheet	-	-	-	13.5 2.8	●	●	●
	M5011	Perforated Flat Top	50.8 2	W G	N -	18	16.0 0.63	yes	18,000 1,230	10,000 690	7.8 1.60	8.3 1.70	-	●	●	●
	M5013	Cone Top	50.8 2	- W	- W	0	16.0 0.63	yes	-	30,000 2,055	-	-	13.7 2.80	●	●	●
	M5014	Nub Top	50.8 2	W G	N -	0	16.0 0.63	yes	18,000 1,230	10,000 690	9.1 1.9	9.5 1.94	-	●	●	●
	M5020	Flat Top Heavy	50.8 2	G DG	- DG	0	16.0 0.63	no	35,000 2,388	-	7.8 1.60	-	12.0 2.46	●	●	●
	M5020	GripTop	50.8 2	G G	- -	0	19.0 0.75	no	35,000 2,388	-	9.0 1.84	-	-	●	●	●
	M5031	Raised Rib	50.8 2	G G	- -	37	24.0 0.95	no	30,000 2,060	-	10 2.05	-	-	●	●	●
	M5032	Flush Grid Heavy	50.8 2	G G	- -	34	16.0 0.63	no	36,000 2,470	-	8.0 1.64	-	-	●	●	●
	M5032	Roller Top	50.8 2	G G	- G	33	Roller 23	no	depending on pattern see datasheet	-	-	-	12.0 2.46	●	●	●
	M5033	Flush Grid	50.8 2	W W	N -	37	16.0 0.63	yes	26,000 1,780	18,000 1,230	6.0 1.23	6.4 1.31	-	●	●	●
	M5033	Roller Top	50.8 2	W W	- W	37	Roller 23	yes	depending on pattern see datasheet	-	6.0 1.23	-	9.1 1.87	●	●	●
	M5131	Raised Rib	50.8 2	G G	- -	36	24.0 0.95	no	32,000 2,192	-	9.9 2.03	-	-	●	●	●

- yes
- no
- ¹⁾ for straight running
- ²⁾ for running in curve, absolute value (N/ft)
- ³⁾ depends on GripTop pattern
- W = white
- G = grey
- DG = dark grey
- B = blue
- N = natural

PP = Polypropylene (temperature range +5 to +105 °C / 41 to 221 °F)
 PE = Polyethylene (temperature range -70 to +60 °C / -94 to 140 °F)
 POM/AC = Polyoxymethylene/Acetal (temperature range -40 to +60 °C [wet] / +90 to 140 °F [dry])
 PA = Polyamide (temperature range -46 to +130 °C dry / -50.8 to 266 °F dry)

Belt Widths	Standard belt widths (nominal)						Increment	Minimum width	Minimum width Flat Top	
	mm inch	mm inch	mm inch	mm inch	mm inch	mm inch				
0.5" and 1.0" Belts	150 5.9	200 7.9	250 9.8	300 11.8	350 13.8	etc.	Standard	Non-standard	"trickled"	"single row"
Radius M2540	-	200 7.9	250 9.8	300 11.8	350 13.8	etc.	+n x 50	+n x 50	16.67 0.66	83.4 3.28
Radius M2543	-	-	250 9.8	300 11.8	350 13.8	etc.	+n x 50	+n x 50	16.67 0.66	83.4 3.28
Radius M3840	-	200 7.9	250 9.8	300 11.8	350 13.8	etc.	+n x 50	+n x 50	25.0 0.98	125 4.92
2.0" belts	225 8.9	300 11.8	375 14.8	450 17.7	525 20.7	etc.	+n x 75	+n x 75	18.75 0.74	112.5 4.43

Flights height in mm/inch	Flights					
	F02	F05	F07	F10	F15	F15
M1220	25	50	-	-	-	-
M2510	25	50	75	-	-	-
M2520	25	50	75	100	-	-
M2530 ¹⁾	25	50	75	-	-	-
M2540	25	50	-	-	-	-
M3840	25	50	75	100	-	-
M5010	25	50	75	100	150	-
M5030 ¹⁾	25	50	75	100	150	-

Sideguards height in mm/inch	Sideguards				
	G02	G05	G07	G10	G10
M1220	-	50	-	-	-
M2520	-	50	-	-	-
M2540	25	-	-	-	-
M3840	-	50	-	-	-
M5010	-	50	75	100	100

Sprockets	M122000 - 0.5" pitch				M250000 - 1.0" pitch				M38000 - 1.5" pitch				M50000 - 2.0" pitch			
	Number of teeth	d ₁ mm inch	A ₁ mm inch	Bore sizes Sq Rd	d ₁ mm inch	A ₁ mm inch	Bore sizes Sq Rd	d ₁ mm inch	A ₁ mm inch	Bore sizes Sq Rd	d ₁ mm inch	A ₁ mm inch	Bore sizes Sq Rd	d ₁ mm inch	A ₁ mm inch	Bore sizes Sq
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	59.4 2.34	24.7 0.97	25	-	-	-	-	-	-	-	-	-
8	-	-	-	-	66.7 2.62	28.3 1.12	25	30	100.5 3.96	41.1 1.62	40	15	133.4 5.25	58.7 2.31	40/60 1.5	-
10	412 16	16.1 0.63	-	20 0.75	82.5 3.25	36.3 1.43	40	30	-	-	-	-	165.2 6.50	74.6 2.94	40/60 1.52/2.5	-
12	-	-	-	-	98.6 3.88	44.3 1.74	40	30/40 1/1 1/2	149.0 5.87	65.2 2.57	40	15	197.2 7.76	90.6 3.57	40/60 1.52/5/3.5	-
15	62.4 2.45	26.7 1.05	25	25 1/1 1/2	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	130.8 5.15	60.4 2.38	40	-	196.0 7.72	89.3 3.52	40	15	261.5 10.30	122.7 4.83	40/60/90 1.5/2.5/3.5	-
18	-	-	-	-	146.9 5.78	68.4 2.69	40/60 1/1 1/2	30	-	-	-	-	-	-	-	-
20	-	-	-	-	163.0 6.42	76.5 3.01	40/60 1.52/2.5	30	-	-	-	-	-	-	-	-
24	99.2 3.90	45.1 1.78	25/40 1/1.5	25	-	-	-	-	-	-	-	-	-	-	-	-
28	116.5 4.59	53.8 2.12	25/40 1/1.5	1	-	-	-	-	-	-	-	-	-	-	-	-
36	149.8 5.90	70.4 2.77	40/50/60 1.52/2.5	-	-	-	-	-	-	-	-	-	-	-	-	-



Code	Flights height in mm/inch					
	F02	F05	F07	F10	F15	F15
M1220	25	50	-	-	-	-
M2510	25	50	75	-	-	-
M2520	25	50	75	100	-	-
M2530 ¹⁾	25	50	75	-	-	-
M2540	25	50	-	-	-	-
M3840	25	50	75	100	-	-
M5010	25	50	75	100	150	-
M5030 ¹⁾	25	50	75	100	150	-

¹⁾ Corrugated shape, drainable

Code	Scoops height in mm/inch	
	B10	B15
M5010	100	150
	4	6

● yes
- no

Remarks/Preconditions

The properties indicated are not guaranteed!

Solids

All Habasit powder transmission and conveyor belts are resistant to all kinds of solids.

Cleaning, Disinfection

For the cleaning and disinfection of our products, neutral, acidic and alkaline cleaners may be used (see following table/class overview), provided that the producer's specifications regarding concentration, temperature and exposure time are strictly complied with. If these instructions are not adhered to, damage is likely to occur.

Chemicals

Combinations of chemicals may cause unpredictable damage.

Water

Belt types with a traction layer made of polyamide (of resistance classes 1 and 2) are hygroscopic. They are subject to elongation by water absorption up to approx. 2% and shrink again on drying.

In extreme cases (immersion in water), irreversible shrinking may occur.

Aramid belts are not hygroscopic. Belt types with a traction layer made of polyester (of resistance classes 3, 4, 5, 6, 7, 8, 9, 10) remain dimensionally stable on exposure to water.

Radiation

High-energy radiation (α, β, γ, x-rays and electron beams) result in general in a reduced lifetime.

Influences not listed

Our application engineers will be pleased to provide information on the resistance to influences not listed.

Legend

● = Resistant under standard climatic conditions of 23°C/73°F and 50% relative humidity (DIN 50005/ISO 6541).

▶ = Limited resistance. Depending on operating conditions (exposure time, thermal/mechanical stress), discoloration, swelling, embrittlement or abrasion is possible.

○ = Not resistant.

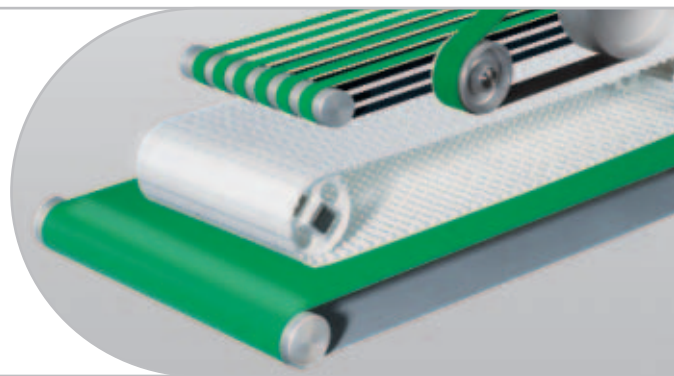
Influence	Habasit Chemical Resistance Class									
	1	2	3	4	5	6	7	8	9	10
A										
Acetic acid >25%	○	○	○	▶	○	○	○	●	▶	●
Acetone	○	○	○	▶	○	○	○	●	▶	●
Alcohols	○	○	○	▶	○	○	○	●	▶	●
Alkalis, strong	○	○	○	▶	○	○	○	●	▶	●
Alkalis, weak	○	○	○	▶	○	○	○	●	▶	●
Ammonia, gaseous and aqueous	○	○	○	▶	○	○	○	●	▶	●
Ammonium salts	○	○	○	▶	○	○	○	●	▶	●
Amyl acetate	○	○	○	▶	○	○	○	●	▶	●
Amyl alcohol	○	○	○	▶	○	○	○	●	▶	●
Aniline	○	○	○	▶	○	○	○	●	▶	●
Arachis Oil	○	○	○	▶	○	○	○	●	▶	●
B										
Baking fat	○	○	○	▶	○	○	○	●	▶	●
Baking powder	○	○	○	▶	○	○	○	●	▶	●
Baer	○	○	○	▶	○	○	○	●	▶	●
Benzene	○	○	○	▶	○	○	○	●	▶	●
Barbituric acid	○	○	○	▶	○	○	○	●	▶	●
Bitter almond oil	○	○	○	▶	○	○	○	●	▶	●
Bitumen	○	○	○	▶	○	○	○	●	▶	●
Bleaching lye	○	○	○	▶	○	○	○	●	▶	●
Boric acid	○	○	○	▶	○	○	○	●	▶	●
Bromine	○	○	○	▶	○	○	○	●	▶	●
Butanol	○	○	○	▶	○	○	○	●	▶	●
Butter	○	○	○	▶	○	○	○	●	▶	●
Butyric acid	○	○	○	▶	○	○	○	●	▶	●
C										
Calcium cyanamide	○	○	○	▶	○	○	○	●	▶	●
Carbon tetrachloride	○	○	○	▶	○	○	○	●	▶	●
Castor oil	○	○	○	▶	○	○	○	●	▶	●
Caustic soda	○	○	○	▶	○	○	○	●	▶	●
Caustic soda solution	○	○	○	▶	○	○	○	●	▶	●
Chlorine	○	○	○	▶	○	○	○	●	▶	●
Chlorobenzene	○	○	○	▶	○	○	○	●	▶	●
Chromic acid	○	○	○	▶	○	○	○	●	▶	●
Cider	○	○	○	▶	○	○	○	●	▶	●
Citric acid	○	○	○	▶	○	○	○	●	▶	●
Coconut oil	○	○	○	▶	○	○	○	●	▶	●
Cola concentrates	○	○	○	▶	○	○	○	●	▶	●
Common salt	○	○	○	▶	○	○	○	●	▶	●
Cottonseed oil	○	○	○	▶	○	○	○	●	▶	●
Cresol	○	○	○	▶	○	○	○	●	▶	●
Cyclohexane	○	○	○	▶	○	○	○	●	▶	●
Cyclohexanol	○	○	○	▶	○	○	○	●	▶	●
Cyclohexanone	○	○	○	▶	○	○	○	●	▶	●
D										
Decaline	○	○	○	▶	○	○	○	●	▶	●
Detergents (see also remarks)	○	○	○	▶	○	○	○	●	▶	●
– acid	○	○	○	▶	○	○	○	●	▶	●
– alkaline	○	○	○	▶	○	○	○	●	▶	●
– chlorinated	○	○	○	▶	○	○	○	●	▶	●
– neutral	○	○	○	▶	○	○	○	●	▶	●
Developer, photographic	○	○	○	▶	○	○	○	●	▶	●
Diazonium salts	○	○	○	▶	○	○	○	●	▶	●
Diesel oil	○	○	○	▶	○	○	○	●	▶	●
Diethylene glycol	○	○	○	▶	○	○	○	●	▶	●
Disinfectants, see detergents	○	○	○	▶	○	○	○	●	▶	●
E										
Edible fats and salad oils	○	○	○	▶	○	○	○	●	▶	●
Essential oils	○	○	○	▶	○	○	○	●	▶	●
Ester	○	○	○	▶	○	○	○	●	▶	●
Ether	○	○	○	▶	○	○	○	●	▶	●
Ethyl acetate	○	○	○	▶	○	○	○	●	▶	●
Ethyl alcohol	○	○	○	▶	○	○	○	●	▶	●

Influence	Habasit Chemical Resistance Class									
	1	2	3	4	5	6	7	8	9	10
F										
Fats	●	●	○	●	●	●	●	●	●	●
Fatty acids	●	●	○	●	●	●	●	●	●	●
Fatty alcohols	●	●	●	●	●	○	●	●	●	●
Fertilizers	●	●	●	●	●	●	●	●	●	●
Fish, fish waste	●	●	●	●	●	●	●	●	●	●
Formaldehyde	○	○	●	●	●	○	●	●	●	●
Formic acid	○	○	●	●	●	●	●	●	●	●
Fructose	●	●	●	●	●	●	●	●	●	●
Fruit juices	●	●	●	●	●	●	●	●	●	●
Fuel oil	●	●	○	○	○	○	○	○	○	○
G										
Glacial acetic acid	○	○	○	○	○	○	○	○	○	○
Glucose	○	○	○	○	○	○	○	○	○	○
Glycerine	●	●	●	●	●	●	●	●	●	●
Glycol	●	●	●	●	●	●	●	●	●	●
Glyssamine	●	●	●	●	●	●	●	●	●	●
H										
Heptane	●	●	○	○	○	○	○	○	○	○
Hexane	●	●	○	○	○	○	○	○	○	○
Hydrocarbons, aliphatic	●	●	○	○	○	○	○	○	○	○
Hydrocarbons, aromatic	●	●	○	○	○	○	○	○	○	○
Hydrochloric acid <20%	○	○	○	○	○	○	○	○	○	○
Hydrofluoric acid	○	○	○	○	○	○	○	○	○	○
Hydrogen peroxid	○	○	○	○	○	○	○	○	○	○
Hydroxylone	○	○	○	○	○	○	○	○	○	○
Hydroxylone (javelle water)	○	○	○	○	○	○	○	○	○	○
I										
Inks	●	●	○	○	○	○	○	○	○	○
Iodine	○	○	○	○	○	○	○	○	○	○
Isooctane	○	○	○	○	○	○	○	○	○	○
Isopropanol	●	●	○	○	○	○	○	○	○	○
J										
Javel water (javelle water/hydrochlorite)	○	○	○	○	○	○	○	○	○	○
K										
Kerosene	●	●	○	○	○	○	○	○	○	○
Ketones	●	●	○	○	○	○	○	○	○	○
L										
Latex	●	●	○	○	○	○	○	○	○	○
Limonolades	●	●	○	○	○	○	○	○	○	○
Linseed oil	●	●	○	○	○	○	○	○	○	○
Liquours	●	●	○	○	○	○	○	○	○	○
M										
Margarine	●	●	○	○	○	○	○	○	○	○
Metal salts	●	●	○	○	○	○	○	○	○	○
Methanol	○	○	○	○	○	○	○	○	○	○
Methyl ethyl ketone	○	○	○	○	○	○	○	○	○	○
Methylene chloride	○	○	○	○	○	○	○	○	○	○
Milk	●	●	○	○	○	○	○	○	○	○
Mineral oils	●	●	○	○	○	○	○	○	○	○
Molasses	●	●	○	○	○	○	○	○	○	○
Motor oils	●	●	○	○	○	○	○	○	○	○
Mustard	●	●	○	○	○	○	○	○	○	○
N										
Nitric acid <40%	○	○	○	○	○	○	○	○	○	○
Nitrocellulose thinners	○	○	○	○	○	○	○	○	○	○

Influence	Habasit Chemical Resistance Class									
	1	2	3	4	5	6	7	8	9	10
O										
Oils, mineral	●	●	○	○	○	○	○	○	○	○
Oils, vegetable	●	●	○	○	○	○	○	○	○	○
Oxalic acid	○	○	○	○	○	○	○	○	○	○
Ozone	○	○	○	○	○	○	○	○	○	○
P										
Palm oil	●	●	○	○	○	○	○	○	○	○
Paraffin oil	●	●	○	○	○	○	○	○	○	○
Paraut oil	●	●	○	○	○	○	○	○	○	○
Paraut oil	●	●	○	○	○	○	○	○	○	○
Parutms	●	●	○	○	○	○	○	○	○	○
Petrol	●	●	○	○	○	○	○	○	○	○
Petroleum ether	○	○	○	○	○	○	○	○	○	○
Phenol	○	○	○	○	○	○	○	○	○	○
Phthalic acid	○	○	○	○	○	○	○	○	○	○
Plaster	●	●	○	○	○	○	○	○	○	○
Plasticizer	○	○	○	○	○	○	○	○	○	○
Porashive	○	○	○	○	○	○	○	○	○	○
Potassium salts	○	○	○	○	○	○	○	○	○	○
Propanol	○	○	○	○	○	○	○	○	○	○
Proteins	○	○	○	○	○	○	○	○	○	○
R										
Resorcinol	○	○	○	○	○	○	○	○	○	○
S										
Salicilic acid	○	○	○	○	○	○	○	○	○	○
Salt water	○	○	○	○	○	○	○	○	○	○
Seawater	○	○	○	○	○	○	○	○	○	○
Sewage	○	○	○	○	○	○	○	○	○	○
Soaps	○	○	○	○	○	○	○	○	○	○
Starch syrup	○	○	○	○	○	○	○	○	○	○
Stearic acid	○	○	○	○	○	○	○	○	○	○
Sugar	○	○	○	○	○	○	○	○	○	○
Sulfite waste liquors	○	○	○	○	○	○	○	○	○	○
Sulfuric acid <50%	○	○	○	○	○	○	○	○	○	○
T										
Tallow	○	○	○	○	○	○	○	○	○	○
Tanning agents	○	○	○	○	○	○	○	○	○	○
Tar	○	○	○	○	○	○	○	○	○	○
Tartaric acid	○	○	○	○	○	○	○	○	○	○
Tetrachloroethylene	○	○	○	○	○	○	○	○	○	○
Toluene	○	○	○	○	○	○	○	○	○	○
Transformer oils	○	○	○	○	○	○	○	○	○	○
Trichloroethylene	○	○	○	○	○	○	○	○	○	○
Turpentine oil	○	○	○	○	○	○	○	○	○	○
U										
Urea	○	○	○	○	○	○	○	○	○	○
Urine	○	○	○	○	○	○	○	○	○	○
UV	○	○	○	○	○	○	○	○	○	○
V										
Vaseline	○	○	○	○	○	○	○	○	○	○
Vinegar	○	○	○	○	○	○	○	○	○	○
W										
Wetting agents	○	○	○	○	○	○	○	○	○	○
X										
Wine	○	○	○	○	○	○	○	○	○	○
X										
Xylene	○	○	○	○	○	○	○	○	○	○
Y										
Yeast	○	○	○	○	○	○	○	○	○	○

The Habasit Solution

**At Habasit, we listen. We innovate.
And we deliver integrated belting solutions – right first time.**



Customer first

Habasit understands that our success depends on the success of our customers. That's why we offer solutions, not just products; partnership, not just sales. Our innovative belting solutions are tailored exactly to specific needs. We guarantee best value for money in every application. Since its foundation in 1946, Habasit has proven this understanding of customer needs for more than 50 years. That's why we are the no. 1 in belting. Worldwide.



Product range

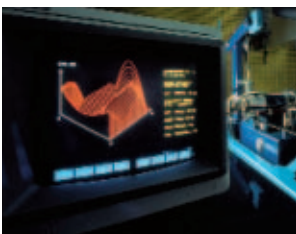
Habasit offers the largest selection of fabric and plastic modular belts in the industry. Our answer to any request is nothing less than a specific, tailor-made solution.

- Fabric conveyor & processing belts
- Plastic modular belts
- Power transmission belts
- Machine tapes
- Seamless belts
- Round belts
- Timing belts
- Auxiliaries (e.g. profiles, tools)



Innovation / R&D

Habasit is strongly committed to the continuous development of innovative, value-added solutions. More than 3% of our staff is dedicated exclusively to R&D; the annual investment in this area exceeds 8% of the turnover.



Global network

Facts & figures

Founded	1946
Turnover 2003	CHF 418 million
Sales to market	4.2 million m ²
Employees	more than 2200
Production plants	12
Affiliated companies	25
Representatives	in over 50 countries
Service centers	over 250 globally

Services & guarantees

Our extensive organization is prepared to support you anywhere in the world. Engineering and emergency assistance, quotes and order status are just a phone call away. Wherever you are. Whenever you need us.

Quality

Highest quality standards are found not only in products, but also in our employees' daily work process. Based on a worldwide TQM approach, Habasit started very early to implement a quality system and was certified already in 1987 according to ISO 9001 / EN 29001. In 1996 Habasit was certified according to ISO 9001:1994. Since then we undergo periodically quality audits performed by an independent certification body. In the year 2002 we achieved certification according to the revised standard ISO 9001:2000.



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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.

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