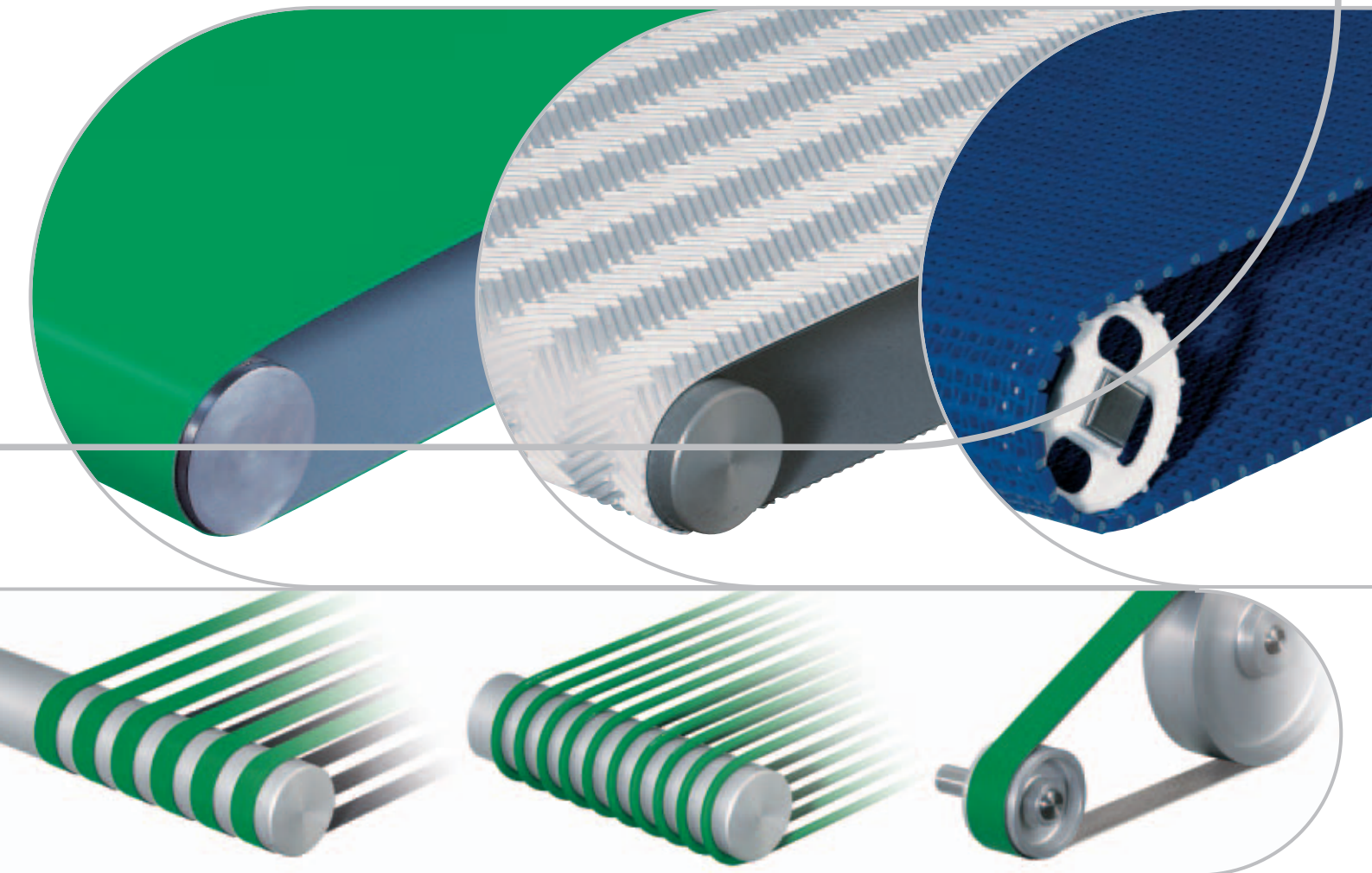


# Habasit Product range

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.

Contents	
Table of contents	2
Introduction	3– 5
Conveyor belts	6–43
Folder-gluer belts	44–45
Machine tapes	46–47
Power transmission belts	48–53
Round belts	54–57
Spindle tapes	58–59
Seamless belts	60–63
HabasitLINK® plastic modular belts	64–67
Habipur V-Belts	68–69
Habasit Chemical Resistance Class Overview	70–73

Product range	Product group	
<b>Conveyor belts (fabric)</b>	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 Habilene, 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 Habilene 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	
<b>Folder-gluer belts</b>	Polyamide folder-gluer belts Polyester folder-gluer belts	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.
<b>Machine tapes</b>	Polyamide machine tapes	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 retensioning unnecessary and costly, time consuming machine downtimes can be avoided.
	Hamid machine tapes	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. 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.
<b>Power transmission belts</b>	Polyamide power transmission belts	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.
	Polyester power transmission belts	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.
	Aramid power transmission belts	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.

Product range	Product group	
<b>Round belts</b>	Habicord round belts	Habicord round belts are highly flexible, elastic and are able to flex in any direction. Habicord belts offer various surface structures, are simple to join and have a long lifetime.
	Polycord round belts	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.
<b>Spindle tapes</b>	Polyamide spindle tapes	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.
	Polyester spindle tapes	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.
<b>Seamless belts</b>	Rubber coated seamless belts Traditional seamless belts	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.
<b>Modular belts</b>	Straight belts Radius belts	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.
<b>V-belts</b>	Habipur	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.

**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

# Conveyor belts (fabric)

● yes  
- no

**Product Group**

**TPU food conveyor and processing belts**

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 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		Conveying Side	Traction Layer			Running Side	FDA conformance	USDA recommendations	Food suitability, EU conformance						
		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
Food conveyor belts	FAB-2E	0.7	0.03	4	0.16	15	0.6	15	0.6	4.0	23	2.2	13	-30	-22	80	176	4000	157		Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth					Adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric
	FAB-5E	1.3	0.05	4	0.16	15	0.6	20	0.8	5.0	29	4.5	26	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FAB-5EIWH	1.3	0.05	4	0.16	15	0.6	20	0.8	5.0	29	4.5	26	-30	-22	100	212	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Adhesive	White	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Grey	●	Conformable	●	6
	FAB-6EZWT	1.3	0.05	4	0.16	15	0.6	24	0.9	6.0	34	4.0	23	-20	-4	80	176	2000	79	Flexproof	Polyurethane thermoplastic (TPU)	Glossy	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
	FAB-8E	1.6	0.06	-	-	20	0.8	25	1.0	8.0	46	5.0	29	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FAB-12E	2.5	0.10	-	-	48	1.9	60	2.4	17.0	97	12.0	69	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FAB-3EB	0.8	0.03	4	0.16	15	0.6	15	0.6	3.0	17	2.0	11	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Medium grey	●	Conformable	●	6
	FAB-5EB	1.5	0.06	4	0.16	15	0.6	40	1.6	5.0	29	4.0	23	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FAB-5ER	1.0	0.04	4	0.16	15	0.6	25	1.0	5.0	29	4.5	26	-30	-22	80	176	2400	94	Flexproof	Silicone (SI)	Blank/smooth	Super-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	-	6
	FNB-2E	0.6	0.02	4	0.16	15	0.6	15	0.6	4.0	23	3.5	20	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	White	Polyester (PET)	1	Polyurethane thermoplastic (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FNB-5E	1.3	0.05	4	0.16	15	0.6	20	0.8	5.0	29	4.5	26	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FNB-5EQ	1.3	0.05	4	0.16	15	0.6	20	0.8	5.0	29	4.5	26	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
	FNB-6EZWT	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	Polyurethane thermoplastic (TPU)	Matt	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
	FNB-6EZCT	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	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	Cobalt blue	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6

See separate overview Pages 70-73

# Conveyor belts (fabric) (contd.)

● yes  
- no

**Product Group**

**TPU food conveyor and processing belts**

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 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		Conveying Side	Traction Layer			Running Side	FDA conformance	USDA recommendations	Food suitability, EU conformance					
		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
Food conveyor belts	FNB-8E	1.6	0.06	-	-	20	0.8	25	1.0	8.0	46	5.0	29	-10	14	80	176	4000	157	Flexproof		Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive					White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric
	FNB-12E	2.5	0.10	-	-	48	1.9	60	2.4	17.0	97	12.0	69	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	White	Polyester (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FMB-5EQ	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	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated	Impregnated fabric	White	●	Conformable	●	6
	FMB-6EZWT	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	Polyurethane thermoplastic (TPU)	Glossy	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
	FMB-3KZWT	1.3	0.05	-	-	15	0.6	15	0.6	4.0	23	2.0	11	-20	-4	80	176	2000	79	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FMB-4KZWT	1.5	0.06	-	-	15	0.6	32	1.3	5.0	29	3.0	17	-10	14	80	176	2000	79	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	White	Polyester fabric (PET)	1	Polyurethane thermoplastic (TPU)	Fine structure	Grey	●	Conformable	●	6
	FMB-5KZWT	2.0	0.08	-	-	20	0.8	40	1.6	6.0	34	5.0	29	-20	-4	80	176	2000	79	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FMB-10EI	1.8	0.07	-	-	40	1.6	60	2.4	7.0	40	6.0	34	-30	-22	80	176	2000	79	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Transparent (clear)	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated	Impregnated fabric	Transparent (clear)	●	Conformable	●	6
	FMB-2EIH	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	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Honey/amber	Polyester fabric (PET)	1	Polyester fabric (PET)	Impregnated fabric	Honey/amber	●	Conformable	●	6
	FMD-2EIH	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	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Honey/amber	Polyester fabric (PET)	1	Polyester fabric (PET)	Impregnated fabric	Honey/amber	●	Conformable	●	6
	FAZ-4EQWZ	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	Flexproof	Polyurethane thermoplastic (TPU)	Zig-zag pattern	Adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
	FAW-5E	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	Flexproof	Polyurethane thermoplastic (TPU)	Waffle structure	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
	FAQ-6EZWT	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	Flexproof	Polyurethane thermoplastic (TPU)	Square Emboss	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	6
	FAF-12E	4.5	0.18	-	-	48	1.9	60	2.4	17.0	97	12.0	69	-30	-22	80	176	1200	47	Flexproof	Polyurethane thermoplastic (TPU)	Fish/herringbone structure	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	●	Conformable	●	6
FNI-2E	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	Flexproof	Polyurethane thermoplastic (TPU)	Impregnated fabric	Non-adhesive	Transparent (clear)	Polyester (PET)	1	Polyurethane thermoplastic (TPU)	Impregnated fabric	Transparent (clear)	●	Conformable for packaged food only	●	6	

See separate overview Pages 70-73

# Conveyor belts (fabric) (contd.)

● yes  
- no

**Product Group**

**TPU food conveyor and processing belts**

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		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	
		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
Food conveyor belts	<b>FNI-5E</b>	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	Flexproof			Impregnated fabric	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White				●
	<b>FNI-5EI</b>	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	Flexproof	Polyester fabric (PET) impregnated with Polyurethane crosslinked (PUR)	Impregnated 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	
	<b>FNI-5ER</b>	0.9	0.04	4	0.16	15	0.6	20	0.8	5.0	29	4.0	23	-30	-22	80	176	1200	47	Flexproof	Silicone (SI)	Impregnated 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	
	<b>FNI-12E</b>	1.6	0.06	-	-	50	2.0	50	2.0	15.0	86	10.0	57	-30	-22	80	176	4000	157	Flexproof	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	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	
	<b>FNT-2M</b>	1.4	0.05	4	0.16	15	0.6	20	0.8	3.0	17	2.0	11	-20	-4	100	212	2400	94	Thermofix	Polyamide (PA)/Cotton (CO) fabric	Fabric	Non-adhesive	Grey	Polyamide (PA)	3	Polyamide (PA)/Cotton (CO) fabric	Fabric	Grey	●	Not conformable	-	6	
	<b>FNT-5E</b>	1.7	0.07	4	0.16	15	0.6	20	0.8	3.5	20	3.4	19	-30	-22	80	176	3900	154	Mecafast Spiro (plastic spiral and rod system)	Polyester fabric (PET)	Fabric	Non-adhesive	Off-white	Polyester (PET)	1	Polyester fabric (PET)	Fabric	Off-white	●	Not conformable	●	6	
	<b>FNT-5EC</b>	1.8	0.07	4	0.16	20	0.8	30	1.2	5.0	29	4.0	23	-30	-22	80	176	2400	94	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	-	6	
	<b>FNT-5EI</b>	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	Flexproof	Polyester fabric (PET) impregnated with Polyurethane crosslinked (PUR)	Impregnated fabric	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	White	●	Conformable for packaged food only	●	6	
	<b>FNT-5P</b>	1.1	0.04	-	-	20	0.8	25	1.0	3.5	20	1.8	10	-20	-4	100	212	2400	94	Thermofix	Polyamide (PA)	Fabric	Non-adhesive	Light grey	Polyamide (PA)	3	Polyamide (PA)	Fabric	Light grey	●	Not conformable	●	6	
	<b>FNT-5PC</b>	1.3	0.05	4	0.16	15	0.6	20	0.8	5.0	29	1.6	9	-30	-22	80	176	2400	94	Flexproof	Polyamide (PA)/Cotton (CO) fabric	Fabric	Non-adhesive	White	Polyamide (PA)/Cotton (CO) fabric	2	Polyamide (PA)/Cotton (CO) fabric	Fabric	White	●	Not conformable	-	6	
	<b>FFN-5ERWE</b>	3.2	0.13	-	-	40	1.6	60	2.4	4.0	23	2.0	11	-30	-22	70	158	2000	79	Flexproof	Polyester web/fleece (PET)	Non-woven (fleece) structure	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	White	●	Not conformable	●	7	

# Conveyor belts (fabric) (contd.)

● yes  
- no

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		Standard	Conveying Side				Traction Layer		Running Side	FDA conformance		USDA recommendations	Food suitability, EU conformance	
			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
TPU food conveyor and processing belts	Food conveyor belts	F-2EQWT	0.7	0.03	4	0.16	15	0.6	15	0.6	3.0	17	2.2	13	-30	-22	80	176	4000	157	Flexproof		Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	White	Polyester fabric (PET)	1			Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)			Impregnated fabric
		F-2EXWT	0.7	0.03	4	0.16	15	0.6	15	0.6	3.0	17	2.2	13	-30	-22	80	176	4000	157	Flexproof	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
		F-3EXWT	1.1	0.04	4	0.16	15	0.6	15	0.6	4.5	26	3.0	17	-30	-22	80	176	4000	157	Flexproof	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
		F-5EQWT	1.2	0.05	4	0.16	15	0.6	15	0.6	5.0	29	4.5	26	-30	-22	80	176	4000	157	Flexproof	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
		F-5EXWT	1.2	0.05	4	0.16	15	0.6	15	0.6	5.0	29	4.5	26	-30	-22	80	176	4000	157	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	White	●	Conformable	●	6
		F-5ENWT	1.8	0.07	-	-	25	1.0	40	1.6	5.0	29	4.5	26	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Grey	●	Conformable	●	6
		F-8EQWT	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	Flexproof	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
	F-8EXWT	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	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	White	●	Conformable	●	6	
	HabaGUARD antimicrobial belts (only for USA, CDN)	FAB-2E+H15	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	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
		FAB-5E+H15	1.3	0.05	4	0.16	15	0.6	25	1.0	5.0	29	-	-	-30	-22	80	176	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
FAB-8E+H15		1.6	0.06	-	-	20	0.8	25	1.0	8.0	46	5.0	29	-30	-22	80	176	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	
FMB-5EQ+H15		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	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated	Impregnated fabric	White	●	Conformable	●	6	

# Conveyor belts (fabric) (contd.)

● yes  
- no

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 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			Conveying Side	Traction Layer			Running Side	FDA conformance	USDA recommendations	Food suitability, EU conformance					
			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	
TPU food conveyor and processing belts	HabaGUARD antimicrobial belts (only for USA, CDN)	FNB-5E+H15	1.3	0.05	4	0.16	15	0.6	20	0.8	5.0	29	-	-	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Blank/ smooth	Non-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
		FNB-8E+H15	1.6	0.06	-	-	20	0.8	25	1.0	8.0	46	5.0	29	-10	14	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Blank/ smooth	Non-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
		FNB-6EV+H15	1.6	0.06	-	-	20	0.8	40	1.6	6.0	34	-	-	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Blank/ smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Blank/ smooth	White	●	Conformable	-	6
		FNB-12EVCQ+H15	1.9	0.07	-	-	20	0.8	25	1.0	12.0	69	-	-	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Blank/ smooth	Non-adhesive	Cobalt blue (dark blue)	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)/antimicrobially equipped	Quadrillé (quadrangular) pattern	Cobalt blue (dark blue)	●	Conformable	-	6
Approval for further countries available. Please consult your local Habasit representation for details.																																		
HyGUARD Europe antimicrobial belts	FAB-4EQWT+H14	FAB-4EQWT+H14	0.7	0.03	2	0.08	15	0.6	15	0.6	4.0	23	-	-	-20	-4	60	140	2000	79	Flexproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Glossy	Adhesive	White	Polyester fabric (PET)	1	Polyester fabric (PET) impregnated with antimicrobially equipped thermoplastic polyurethane (TPU)	Impregnated fabric	Light blue	●	No use intended	●	6
		FAB-6EZWT+H14	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	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Glossy	Adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with antimicrobially equipped thermoplastic polyurethane (TPU)	Impregnated fabric	Light blue	●	No use intended	●	6
		FNB-6EZWT+H14	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	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Matt	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with antimicrobially equipped thermoplastic polyurethane (TPU)	Impregnated fabric	Light blue	●	No use intended	●	6
		FNB-6EZCT+H14	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	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Matt	Non-adhesive	Cobalt blue	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with antimicrobially equipped thermoplastic polyurethane (TPU)	Impregnated fabric	Light blue	●	No use intended	●	6
		FNB-6EVCW+H14	2.0	0.08	-	-	20	0.8	30	1.2	6.0	34	5.0	29	-20	-4	100	212	2000	79	Flexproof	Polyurethane thermoplastic (TPU)/ antimicrobially equipped	Matt	Non-adhesive	Cobalt blue	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)/antimicrobially equipped	Diagonal rhomboid negative pattern/ structure	Cobalt blue	●	No use intended	●	6



# Conveyor belts (fabric) (contd.)

● yes  
- no

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 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			Standard	Conveying Side	Traction Layer			Running Side	FDA conformance	USDA recommendations	Food suitability, EU conformance				
			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	
TPU food conveyor and processing belts	HyGUARD Japan antimicrobial belts	FAB-3EIWH+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)
		FAB-5EIWH+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
		F-5EXWT+H15	1.2	0.05	4	0.16	15	0.6	15	0.6	5.0	29	4.5	26	-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
		F-8EXWT+H15	1.5	0.06	4	0.16	20	0.8	32	1.3	8.0	46	-	-	-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
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	Polyvinylchloride (PVC)	Blank/ smooth	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
		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	Polyvinylchloride (PVC)	Blank/ smooth	Hard/non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
		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	Polyvinylchloride (PVC)	Super mat finish	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3
		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	Polyvinylchloride (PVC)	Blank/ smooth	Medium-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Impregnated fabric	Black	-	Not conformable	-	3
		NAD-10ESBV	7.5	0.30	-	-	60	2.4	80	3.2	8.0	46	5.5	31	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (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
		NAJ-10ESBV	5.3	0.21	-	-	40	1.6	60	2.4	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Jink wave (sine wave) grip structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
		NAQ-10ESBV	3.1	0.12	-	-	40	1.6	50	2.0	10.0	57	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Quadrillé (quadrangular) pattern	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Light grey	-	Not conformable	-	3
		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	Polyvinylchloride (PVC)	Longitudinal groove structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
		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	Polyvinylchloride (PVC)	Longitudinal groove structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
		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 (PUR) impregnated Polyester (PET) fabric	Fabric	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3

● yes  
- no

Product Group

PVC conveyor and processing belts

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 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			Standard	Conveying Side				Traction Layer		Running Side		FDA conformance	USDA recommendations	Food suitability, EU conformance	
		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				
N-Line belts for general conveying	NAB-5EKBV	1.0	0.04	-	-	24	0.9	30	1.2	5.0	29	3.2	18	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Medium-adhesive	Black	Polyester (PET)	1	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
	NAB-8EXDV	2.0	0.08	-	-	32	1.3	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Fabric	Grey	-	Not conformable	-	3
	NAB-10ELBV	2.1	0.08	-	-	24	0.9	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Black	Polyester (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
	NAB-10ELDV	2.0	0.08	-	-	40	1.6	40	1.6	10.0	57	6.0	34	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3
	NAB-10EXAV	2.5	0.10	-	-	30	1.2	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Mat; Blank/smooth	Medium-adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
	NAB-12EXDV	2.8	0.11	-	-	48	1.9	60	2.4	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
	NAB-15EVDV	3.0	0.12	-	-	48	1.9	48	1.9	15.0	86	8.0	46	-10	14	70	158	2000	79	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyvinylchloride (PVC)	Waffle structure	Dark green	-	Not conformable	-	3
	NAB-18EEAV	4.8	0.19	-	-	120	4.7	120	4.7	18.0	103	10.0	57	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Anthracite	Polyester (PET)	3	Polyester fabric (PET)	Fabric	Grey	-	Not conformable	-	3
	NHB-5EKBV	1.0	0.04	-	-	24	0.9	30	1.2	5.0	29	3.2	18	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Mat (dull finish)	Hard/non-adhesive	Black	Polyester fabric (PET)	1	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
	NHB-8EIDV	2.1	0.08	-	-	60	2.4	60	2.4	8.0	46	5.5	31	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Hard/non-adhesive	Dark green	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Black	-	Not conformable	-	3
	NHB-10EKBV	2.1	0.08	-	-	24	0.9	30	1.2	9.0	51	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Mat (dull finish)	Hard/non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
	NHB-10ELDV	2.0	0.08	-	-	30	1.2	48	1.9	9.0	51	6.0	34	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Hard/non-adhesive	Green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
	NHM-6EKBV	1.1	0.04	-	-	40	1.6	48	1.9	6.0	34	3.6	21	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Super mat finish	Non-adhesive	Black	Polyester fabric (PET)	1	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
	NHM-10EKBV	2.1	0.08	-	-	40	1.6	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Super mat finish	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3
	NHU-8EAAV	2.0	0.08	-	-	50	2.0	50	2.0	8.0	46	5.5	31	0	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Hard/non-adhesive	Anthracite	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Medium grey	-	Not conformable	-	3	
	NHU-8EATV	2.0	0.08	-	-	50	2.0	60	2.4	8.0	46	5.5	31	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Hard/non-adhesive	Transparent (clear)	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	3
	NHU-12EAAV	3.1	0.12	-	-	100	4.0	100	4.0	12.0	69	7.0	40	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Hard/non-adhesive	Anthracite	Polyester fabric (PET)	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Medium grey	-	Not conformable	-	3
	NMM-10EBAV	2.4	0.09	-	-	30	1.2	30	1.2	10.0	57	6.0	34	-10	14	70	158	2900	114	Flexproof	Polyvinylchloride (PVC)	Super mat finish	Medium-adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
	NSB-12EHAV	4.8	0.19	-	-	120	4.7	120	4.7	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Anthracite	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
	NVT-130	2.8	0.11	-	-	48	1.9	60	2.4	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3
NVT-157	2.7	0.11	-	-	60	2.4	60	2.4	13.0	74	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
NVT-179	3.8	0.15	-	-	100	3.9	100	3.9	12.0	69	-	-	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
NVT-188	2.0	0.08	-	-	32	1.3	40	1.6	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	

● yes  
- no

Product Group

PVC conveyor and processing belts

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 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			Standard	Conveying Side				Traction Layer		Running Side		FDA conformance	USDA recommendations	Food suitability, EU conformance		
		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	
N-Line belts for general conveying	NVT-294	3.5	0.14	-	-	120	4.7	120	4.7	14.0	80	-	-	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Mat (dull finish)	Non-adhesive	Dark green	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
	NVT-295	1.9	0.07	-	-	30	1.2	30	1.2	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Super mat finish	Hard/non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
	NSW-5ELAV	1.3	0.05	-	-	20	0.8	40	1.6	5.0	29	3.2	18	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Waffle structure	Soft/super-adhesive	Anthracite	Polyester fabric (PET)	1	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3	
	NAG-8EHDV	4.5	0.18	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	2000	79	Flexproof	Polyvinylchloride (PVC)	Grip structure	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
	NAG-8EXDV	5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Grip structure	Super-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
	NAJ-8EEBV	5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Jink wave (sine wave) grip structure	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
	NAJ-8EEDV	5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Jink wave (sine wave) grip structure	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
	NAJ-8EXDV	5.3	0.21	-	-	60	2.4	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Jink wave (sine wave) grip structure	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
	NHT-8EXDV	2.0	0.08	-	-	60	2.4	60	2.4	8.0	46	5.5	31	0	32	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Honeycomb structure	Hard/non-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
	NAQ-10ELBV	3.1	0.12	-	-	50	2.0	50	2.0	10.0	57	6.0	34	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Quadrillé (quadrangular) pattern	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Light grey	-	Not conformable	-	3	
	NAQ-10ELDV	3.1	0.12	-	-	50	2.0	50	2.0	10.0	57	6.0	34	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Quadrillé (quadrangular) pattern	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Light grey	-	Not conformable	-	3	
	NSL-10ELBV	2.3	0.09	-	-	30	1.2	40	1.6	10.0	57	6.0	34	-10	14	60	140	3000	118	Flexproof	Polyvinylchloride (PVC)	Longitudinal groove structure	Super-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3	
	NSL-10ELDV	2.3	0.09	-	-	30	1.2	30	1.2	10.0	57	6.0	34	-10	14	60	140	3000	118	Flexproof	Polyvinylchloride (PVC)	Longitudinal groove structure	Super-adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	-	Not conformable	-	3	
	NAL-12ELBV	2.8	0.11	-	-	50	2.0	60	2.4	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Longitudinal groove structure	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Light green	-	Not conformable	-	3	
	NAK-12EHDV	6.1	0.24	-	-	60	2.4	75	3.0	12.0	69	7.0	40	-10	14	70	158	2000	79	Flexproof	Polyvinylchloride (PVC)	Knob structure (cylindrical knob structure)	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	Medium grey	-	Not conformable	-	3	
NAO-10ELAV	2.2	0.09	-	-	40	1.6	40	1.6	10.0	57	6.0	34	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Orb structure (positive hemispherical structure)	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Medium grey	-	Not conformable	-	3		

# Conveyor belts (fabric) (contd.)

● yes  
- no

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 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		Standard	Conveying Side				Traction Layer		Running Side		FDA conformance	USDA recommendations	Food suitability, EU conformance		
			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
PVC conveyor and processing belts	N-Line belts for general conveying	NAO-48EHDV	70	0.28	-	-	280	11.0	280	11.0	48.0	274	28.0	160	-10	14	70	158	2200	87	Flexproof	Polyvinylchloride (PVC)	Orb structure (positive hemispherical structure)	Adhesive	Dark green	Polyester fabric (PET)	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Medium grey	-	Not conformable	-	3
		NVT-158	5.5	0.22	-	-	40	1.6	60	2.4	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Grip structure	Adhesive	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	Polyvinylchloride (PVC)	Elliptical smooth netting structure	Adhesive	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 (PUR) 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 polyvinylchloride (PVC)	Fabric (multifil/multifil)	Non-adhesive	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 polyvinylchloride (PVC)	Fabric (multifil/multifil)	Non-adhesive	Dark green	Polyester fabric (PET)	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Black	-	Not conformable	-	3
	N-Line food conveyor belts	NAB-5EFWV	1.0	0.04	-	-	20	0.8	20	0.8	5.0	29	3.2	18	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester (PET)	1	Polyester (PET)	Fabric	White	●	Conformable	●	7
		NAB-8EIVV	2.0	0.08	-	-	20	0.8	25	1.0	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	White	●	Conformable	●	7
		NAB-10EFWV	2.0	0.08	-	-	24	0.9	30	1.2	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	●	Conformable	●	7
		NAB-10EIVV	2.5	0.10	-	-	24	0.9	30	1.2	8.0	46	5.5	31	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	White	●	Conformable	●	7
		NAB-12EFWV	2.8	0.11	-	-	80	3.2	80	3.2	12.0	69	7.0	40	-10	14	70	158	3000	118	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester (PET)	2	Polyester (PET)	Impregnated fabric	White	●	Conformable	●	7
		NAB-15EVWV	3.0	0.12	-	-	80	3.2	80	3.2	15.0	86	8.0	46	-10	14	70	158	2000	79	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester (PET)	2	Polyvinylchloride (PVC)	Blank/smooth	White	●	Conformable	●	7
		NAB-18EVWV	4.6	0.18	-	-	120	4.7	120	4.7	18.0	103	10.0	57	-10	14	70	158	2000	79	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester (PET)	2	Polyvinylchloride (PVC)	Blank/smooth	White	●	Not conformable	-	3
		NAB-24EDWV	6.0	0.24	-	-	280	11.0	280	11.0	24.0	137	14.0	80	-10	14	70	158	2000	79	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester (PET)	3	Polyvinylchloride (PVC)	Blank/smooth	White	●	Not conformable	●	3
NAB-24EFWV	4.0	0.16	-	-	120	4.7	120	4.7	24.0	137	14.0	80	-10	14	70	158	2000	79	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester (PET)	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	White	●	Conformable	●	7		
NAB-25EVWV	6.0	0.24	-	-	280	11.0	280	11.0	25.0	143	14.0	80	-10	14	70	158	2000	79	Flexproof	Polyvinylchloride (PVC)	Blank/smooth	Adhesive	White	Polyester (PET)	3	Polyvinylchloride (PVC)	Blank/smooth	White	●	Not conformable	-	3		

# Conveyor belts (fabric) (contd.)

● yes  
- no

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 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		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance		USDA recommendations	Food suitability, EU conformance	
			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 food conveyor belts	NAW-8EIWV	2.0	0.08	-	-	25	1.0	25	1.0	8.0	46	5.5	31	-10	14	70	158	3000	118		Flexproof	Polyvinyl-chloride (PVC)	Waffle structure	Adhesive	White	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric		White			●
		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)	Impregnated fabric	Non-adhesive	Transparent (clear)	Polyester (PET)	1	Polyurethane thermoplastic (TPU)	Impregnated fabric	Transparent (clear)	●	Not conformable	●	7	
		NNR-5RFWR	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	
		NNT-5CFWC	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	
		NNT-8EEWE	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	
		NNT-5EFWE	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	
		NNT-8EFWE	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	
		NNT-10EFWE	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	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-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)	Sand finish	Non-adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3	
		SNB-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)	Sand finish	Non-adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3	
		SNB-12E	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-18E	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	
SNI-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)	Impregnated 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			

# Conveyor belts (fabric) (contd.)

● yes  
- no

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		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations		Food suitability, EU conformance	
			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	Standard conveyor belts	SAG-8E	4.0	0.16	-	-	32	1.3	50	2.0	9.0	51	7.5	43	-10	14	60	140	2400	94	Flexproof	Polyvinylchloride (PVC)	Grip structure	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	3	
		SAQ-8E	2.1	0.08	-	-	35	1.4	50	2.0	9.0	51	8.5	49	-10	14	60	140	4000	157	Flexproof	Polyvinylchloride (PVC)	Quadrillé (quadrangular) 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-5E	1.4	0.06	-	-	20	0.8	30	1.2	6.0	34	6.0	34	-40	-40	70	158	2400	94	Flexproof	Habilene (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-8E	2.0	0.08	-	-	30	1.2	60	2.4	8.0	46	7.0	40	-40	-40	70	158	2400	94	Flexproof	Habilene (modified TPO)	Blank/smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) with conductive threads impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	10	
		CAB-6EB	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	Flexproof	Habilene (modified TPO)	Blank/smooth	Adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	10	
		CNB-5E	1.4	0.06	-	-	20	0.8	40	1.6	6.0	34	6.0	34	-40	-40	80	176	2400	94	Flexproof	Habilene (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-5EQ	1.4	0.06	-	-	20	0.8	40	1.6	6.0	34	6.0	34	-40	-40	80	176	2400	94	Flexproof	Habilene (modified TPO)	Blank/smooth	Non-adhesive	White	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	10	
		CNB-5EVWW	2.3	0.09	-	-	40	1.6	50	2.0	7.0	40	6.0	34	-40	-40	80	176	2400	94	Flexproof	Habilene (modified TPO)	Blank/smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Habilene (modified TPO)	Waffle structure	White	●	Conformable	●	10	
		CNB-6EB	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	Flexproof	Habilene (modified TPO)	Blank/smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	10	
		CNB-8E	2.0	0.08	-	-	30	1.2	60	2.4	8.0	46	7.0	40	-40	-40	80	176	2400	94	Flexproof	Habilene (modified TPO)	Blank/smooth	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) with conductive threads impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	10	
		CNW-5E	1.9	0.07	-	-	30	1.2	50	2.0	6.0	34	6.0	34	-40	-40	80	176	2400	94	Flexproof	Habilene (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	
		CNF-8E	4.4	0.17	-	-	70	2.8	80	3.2	8.0	46	7.0	40	-40	-40	80	176	1200	47	Flexproof	Habilene (modified TPO)	Fish/herringbone structure	Non-adhesive	White	Polyester fabric (PET) with conductive threads	2	Polyester fabric (PET) with conductive threads impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	●	Conformable	●	10	

Conveyor belts (fabric) (contd.)

● yes  
- no

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 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		Standard	Conveying Side				Traction Layer		Running Side				FDA conformance	USDA recommendations	Food suitability, EU conformance
			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				
TPO conveyor and processing belts	P-Line tobacco conveyor and processing belts	PAB-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	Transparent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	●			
		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	Transparent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	●	Conformable	●	10	
		PNB-10EIWO	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	Transparent (clear)	Polyester fabric (PET)	2	Acrylate	Impregnated fabric	White	●	Conformable	●	10	
		PNB-10EVVWV	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	Transparent (clear)	Polyester fabric (PET)	2	Polyolefine thermoplastic (TPO)	Waffle structure	Transparent (clear)	●	Conformable	●	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	Transparent (clear)	Polyester fabric (PET)	3	Polyester (PET)	Fabric	White	●	Conformable	●	10	
		PAP-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	Transparent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	●	Conformable	●	10	
		PAP-10EIWO	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	Transparent (clear)	Polyester fabric (PET)	2	Acrylate	Impregnated fabric	White	●	Conformable	●	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	Transparent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	●	Conformable	●	10	
		PAK-10EIWO	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	Transparent (clear)	Polyester fabric (PET)	2	Acrylate	Impregnated fabric	White	●	Conformable	●	10	
		PNB-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	Transparent (clear)	Polyester fabric (PET)	1	Polyolefine thermoplastic (TPO)	Fabric	White	●	Conformable	●	10	
		PNB-5EVWX	1.0	0.04	-	-	-	-	-	-	5.0	29	3.0	17	-20	-4	70	158	3000	118	Flexproof	Polyolefine thermoplastic (TPO)	Blank/smooth	Non-adhesive	Transparent (clear)	Polyester fabric (PET)	1	Polyolefine thermoplastic (TPO)	Blank/smooth	Transparent (clear)	●	Conformable	●	10	
PP conveyor and processing belts	FHB-7ERWO	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	●	Conformable	●	9		
O-Line tobacco conveyor and processing belts	ONI-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	-	Not conformable	-	9		

# Conveyor belts (fabric) (contd.)

● yes  
- no

**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 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			Conveying Side	Traction Layer			Running Side	FDA conformance	USDA recommendations	Food suitability, EU conformance						
		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
<b>High duty conveyor and processing belts</b>	<b>Crosslinked polyurethane conveyor and processing belts</b>	HNA-8P	1.2	0.05	-	-	25	1.0	25	1.0	5.0	29	2.4	14	-20	-4	100	212	2400	94		Thermofix	Polyurethane cross-linked (PUR)	Blank/smooth					Non-adhesive	Green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric
		HNA-12E	1.1	0.04	-	-	60	2.4	60	2.4	20.0	114	13.0	74	0	32	100	212	2400	94	Thermofix	Polyurethane cross-linked (PUR)	Blank/smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	5
		HNA-18P	1.9	0.07	-	-	50	2.0	50	2.0	9.0	51	3.5	20	-20	-4	100	212	2400	94	Thermofix	Polyurethane cross-linked (PUR)	Blank/smooth	Non-adhesive	Green	Polyamide (PA)	3	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
	<b>Polyamide conveyor and processing belts</b>	HNI-5P	0.9	0.04	-	-	15	0.6	15	0.6	4.0	23	1.6	9	-30	-22	100	212	1200	47	Thermofix	Polyamide (PA)	Impregnated fabric	Non-adhesive	Green	Polyamide (PA)	3	Polyamide (PA)	Impregnated fabric	Green	-	Not conformable	-	1
		HNI-5PE	0.9	0.04	-	-	15	0.6	15	0.6	4.0	23	1.6	9	-30	-22	100	212	1200	47	Thermofix	Polyamide (PA)	Fabric	Non-adhesive	Green	Polyamide (PA) fabric	3	Polyurethane cross-linked (PUR)	Fabric; Coated	Black	-	Not conformable	-	2
		HNU-8P	1.0	0.04	-	-	50	2.0	50	2.0	5.0	29	2.4	14	-20	-4	100	212	1200	47	Thermofix	Polyamide (PA)	Ultra glossy	Non-adhesive	Green	Polyamide (PA)	2	Polyamide (PA)	Ultra glossy	Green	-	Not conformable	-	1
	<b>Rubber conveyor and processing belts</b>	HAM-5P	1.0	0.04	-	-	15	0.6	15	0.6	5.0	29	1.8	10	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Mat (dull finish)	Adhesive	Green (Habasit green)	Polyamide (PA)	3	Polyurethane cross-linked (PUR)	Fabric; Coated	Black	-	Not conformable	-	2
		HAT-5E	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
		HAT-8P	2.0	0.08	-	-	20	0.8	25	1.0	7.0	40	2.4	14	0	32	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
HAT-12P		3.0	0.12	-	-	40	1.6	50	2.0	10.0	57	3.5	20	0	32	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Polyamide (PA)	3	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2	
HAT-18PW		3.8	0.15	-	-	48	1.9	60	2.4	9.0	51	4.0	23	0	32	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Light green	Polyamide (PA)	3	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2	
HAT-24PW		6.0	0.24	-	-	80	3.1	90	3.5	15.0	86	4.0	23	0	32	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Light green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2	
HAB-12E		2.0	0.08	-	-	60	2.6	70	2.8	20.0	114	15.0	86	0	32	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Blank/smooth	Super-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	5	
HAL-12E		2.5	0.10	-	-	48	1.9	60	2.4	20.0	114	13.0	74	-30	-22	100	212	1200	47	Thermofix	Ethylene-Propylene-Terpolymer (EPDM) also called EPT	Longitudinal groove structure	Super-adhesive	Green	Polyester (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	4	
HAR-12E		1.9	0.07	-	-	40	1.6	50	2.0	20.0	114	13.0	74	-20	-4	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Green	Polyester (PET)	2	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	5	
HAG-12E	5.8	0.23	-	-	80	3.1	100	4.0	20.0	114	12.0	69	0	32	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Grip structure	Adhesive	Green	Polyester (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	5		



# Conveyor belts (fabric) (contd.)

● yes  
- no

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 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		Conveying Side	Traction Layer			Running Side	FDA conformance	USDA recommendations	Food suitability, EU conformance						
			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
High duty conveyor and processing belts	Rubber conveyor and processing belts	SAG-12E	5.2	0.20	-	-	60	2.4	80	3.1	12.0	69	11.0	63	-30	-22	100	212	1200	47	Standard		Thermofix	Ethylene-Propylene-Terpolymer (EPDM) also called EPT	Grip structure					Adhesive	Anthracite	Polyester (PET)	2	Polyester fabric (PET)	Fabric
	TPU conveyor and processing belts	HNB-5E	1.3	0.05	4	0.16	20	0.8	20	0.8	5.0	29	5.0	29	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	●	Conformable	●	6	
		HNB-6EZDT	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	Polyurethane thermoplastic (TPU)	Matt	Non-adhesive	Dark green	Polyester fabric PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	-	Not conformable	-	6	
		HNB-8E	1.6	0.06	-	-	15	0.6	25	1.0	8.0	46	5.0	29	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	●	Conformable	●	6	
		HNB-12E	2.5	0.10	-	-	48	1.9	60	2.4	20.0	114	11.5	66	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	●	Conformable	●	6	
		H-4EMDT	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	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	Dark green	Polyester fabric PET)	1	Polyester fabric (PET)	Impregnated fabric; Fabric (low-noise)	Grey	-	Not conformable	-	6	
		H-5EFGT	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	Polyurethane thermoplastic (TPU)	Blank/ smooth	Adhesive	Transparent (green appearance)	Polyester (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	●	Conformable	●	6	
		H-5EXDT	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	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Light grey	-	No use intended	-	6	
		H-6EHDT	1.7	0.07	-	-	24	0.9	32	1.3	6.0	34	4.0	23	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/ smooth	Medium-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Light grey	-	Not conformable	-	6	
		H-8EXDT	1.4	0.06	-	-	20	0.8	30	1.2	8.0	46	5.0	29	-15	5	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Mat; Blank/ smooth	Non-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	-	Conformable	●	6	
		H-11EBDT	2.2	0.09	-	-	20	0.8	40	1.6	11.0	63	9.0	51	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	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	
		HSW-5EB	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	Polyurethane thermoplastic (TPU)	Waffle structure	Super-adhesive	Black	Polyester fabric PET)	2	Polyester fabric (PET)	Fabric (multifil/ multifil)	Grey	-	Not conformable	-	6	
		HSL-5E	1.8	0.07	-	-	20	0.8	40	1.6	5.0	29	4.0	23	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Longitudinal groove structure	Super-adhesive	Dark green	Polyester fabric PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	-	Not conformable	-	6	
HSL-8E	1.9	0.07	-	-	20	0.8	40	1.6	8.0	46	5.0	29	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	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			

# Conveyor belts (fabric) (contd.)

● yes  
- no

**Product Group**

**Extraline conveyor and processing belts**

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 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			Standard	Conveying Side				Traction Layer		Running Side		FDA conformance	USDA recommendations	Food suitability, EU conformance	
		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				
TPU conveyor and processing belts	E-5EBBT	1.5	0.06	4	0.16	15	0.6	30	1.2	5.0	29	4.0	23	-30	-22	80	176	2400	94	Flexproof		Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric				Grey
	E-5ENBT	1.5	0.06	4	0.16	15	0.6	20	0.8	8.0	46	5.0	29	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Mat (dull finish)	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	6
	E-5EXBT	1.2	0.05	4	0.16	8	0.3	15	0.6	5.0	29	4.5	26	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Black	Polyester (PET)	2	Polyester fabric (PET)	Fabric	Grey	-	Not conformable	-	6
	ENB-8EL	1.5	0.06	-	-	24	0.9	40	1.6	8.0	46	6.0	34	-20	-4	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Sand finish	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	-	Not conformable	-	6
	ENI-10E	1.5	0.06	-	-	40	1.6	48	1.9	12.0	69	8.0	46	-10	14	60	140	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Impregnated fabric	Non-adhesive	Light grey	Polyester fabric (PET)	2	Polyurethane thermoplastic (TPU)	Impregnated fabric	Light grey	-	Not conformable	-	6
	ENU-12EHMT	2.8	0.11	-	-	160	6.3	250	9.8	15.0	86	13.0	74	0	32	70	158	1500	59	Flexproof	Polyurethane thermoplastic (TPU)	Matt	Non-adhesive	Medium grey	Polyester fabric (PET)	4	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Medium grey	-	Not conformable	-	6
	E-16EHMU	1.6	0.06	-	-	40	1.6	40	1.6	15.0	86	10.0	57	-20	-4	80	176	2400	94	Flexproof	Polyester fabric (PET) impregnated with Polyurethane crosslinked (PUR)	Impregnated fabric	Non-adhesive	Grey	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with Polyurethane crosslinked (PUR)	Impregnated fabric	Grey	-	Not conformable	-	6
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	Thermofix	Silicone (SI)	Blank/smooth	Adhesive	Off-white	Glass (GL)	2	Silicone (SI)	Fabric	White	●	Conformable	-	5
	ENI-5P	1.0	0.04	-	-	20	0.8	20	0.8	8.0	46	3.0	17	-20	-4	100	212	2400	94	Thermofix	Polyurethane cross-linked (PUR)	Impregnated fabric	Non-adhesive	Black	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
	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)	Impregnated fabric	Non-adhesive	Off-white	Aramid fabric	1	Teflon (PTFE)	Impregnated fabric	Off-white	●	Not conformable	●	8
	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)	Impregnated fabric	Non-adhesive	Black	Polyester fabric (PET)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	6
	EAT-8P	2.0	0.08	-	-	20	0.8	25	1.0	7.0	40	2.4	14	0	32	100	212	2400	94	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Black	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
	ENI-12P	1.6	0.06	-	-	60	2.4	60	2.4	16.0	91	6.5	37	-20	-4	100	212	1200	47	Thermofix	Polyurethane cross-linked (PUR)	Impregnated fabric	Non-adhesive	Black	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Impregnated fabric	Black	-	Not conformable	-	2
	EFN-20EHW	6.0	0.24	-	-	50	2.0	60	2.3	12.0	69	10.0	57	-20	-4	100	212	1320	52	Flexproof	Wool	Pile fabric	Non-adhesive	Off-white	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	6
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

# Conveyor belts (fabric) (contd.)

● yes  
- no

**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 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		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations		Food suitability, EU conformance	
		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
<b>Extraline conveyor and processing belts</b>	<b>Printing blankets</b>	<b>ENU-20EL</b>	2.6	0.10	-	-	100	4.0	100	4.0	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; Fabric (low-noise)		Grey
		<b>E-20EMBT</b>	2.6	0.10	-	-	48	1.9	60	2.4	20.0	114	11.5	66	-15	5	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	-	Not conformable	-	6
		<b>ENU-50A</b>	2.3	0.09	-	-	80	3.2	80	3.2	50.0	286	24.0	137	-15	5	70	158	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	Black	Aramid	3	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	-	Not conformable	-	6
	<b>Crosslapper belts</b>	<b>ENA-4EE</b>	0.8	0.03	-	-	20	0.8	40	1.6	4.0	23	2.4	14	-10	14	70	158	4000	157	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
		<b>ENA-8EE</b>	1.0	0.04	-	-	30	1.2	30	1.2	10.0	57	6.0	34	-10	14	70	158	4000	157	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
	<b>Prepress belts</b>	<b>ENA-151A</b>	3.8	0.15	-	-	250	9.8	250	9.8	50.0	286	35.0	200	-20	-4	50	122	3800	150	Flexproof	Polyurethane cross-linked (PUR)	Blank/smooth	Hard/non-adhesive	Black	Aramid	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Black	-	Not conformable	-	6
		<b>ENA-151AEBH</b>	3.8	0.15	-	-	250	9.8	250	9.8	130.0	742	35.0	200	-20	-4	50	122	3800	150	Flexproof	Polyurethane cross-linked (PUR)	Blank/smooth	Hard/non-adhesive Hydrolysis resistant	Black	Aramid	3	Polyurethane thermoplastic (TPU)	Impregnated fabric	Black	-	Not conformable	-	6
	<b>Forming belts</b>	<b>EMB-12EM</b>	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	Flexproof	Polyurethane thermoplastic (TPU)	Mat (dull finish)	Medium-adhesive	Transparent (grey appearance)	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	●	Not conformable	●	6
		<b>EMB-12EMCH</b>	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	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
	<b>Deaeration belts</b>	<b>ENT-12E</b>	0.9	0.03	-	-	48	1.9	48	1.9	12.0	69	7.0	40	-30	-22	80	176	3600	142	Flexproof	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	1	Polyester (PET)	Fabric	White	-	Not conformable	-	6
<b>ENR-12E</b>		1.8	0.07	-	-	80	3.2	80	3.2	12.0	69	7.0	40	-30	-22	80	176	3600	142	Flexproof	Polyester (PET)	Fabric	Non-adhesive	Blue	Polyester (PET)	1	Polyester (PET)	Fabric	Blue	-	Not conformable	-	6	
<b>Belts for rubber processing</b>	<b>ENR-15ERNC</b>	4.7	0.19	-	-	150	5.9	150	5.9	15.0	86	10.0	57	0	32	80	176	2750	1200	Mechanical joining	Cotton (CO)	Fabric	Non-adhesive	Beige	Polyester fabric (PET)	3	Cotton (CO)	Fabric	Beige	-	Not conformable	-	5	
	<b>ENR-15ERRS</b>	4.7	0.19	-	-	150	6.0	150	6.0	15.0	86	10.0	57	0	32	80	176	2750	1200	Mechanical joining	Silicone (SI)	Impregnated fabric	Non-adhesive	Red	Polyester fabric (PET)	3	Cotton (CO)	Fabric	Beige	-	Not conformable	-	5	
	<b>ENR-20ERNC</b>	5.6	0.22	-	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	2750	1200	Mechanical joining	Cotton (CO)	Fabric	Non-adhesive	Beige	Polyester fabric (PET)	4	Cotton (CO)	Fabric	Beige	-	Not conformable	-	5	
	<b>ENR-20ERRS</b>	6.3	0.25	-	-	200	7.9	200	7.9	20.0	114	13.0	74	0	32	80	176	1200	108	Mechanical joining	Silicone (SI)	Impregnated fabric	Non-adhesive	Red	Polyester fabric (PET)	4	Cotton (CO)	Fabric	Beige	-	Not conformable	-	5	
	<b>EMB-20ERRS</b>	2.6	0.10	-	-	100	3.9	150	5.9	20.0	114	13.0	74	0	32	80	176	1200	108	Mechanical joining	Silicone (SI)	Impregnated fabric	Non-adhesive	Red	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	White	-	Not conformable	-	5	

# Conveyor belts (fabric) (contd.)

● yes  
- no

**Product Group**

**Nonwoven conveyor and processing belts**

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 OAD-W-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			Conveying Side	Traction Layer			Running Side	FDA conformance	USDA recommendations	Food suitability, EU conformance					
		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	
Food conveyor belts	F16/0ANW5	2.9	0.11	-	-	50	2.0	50	2.0	16.0*	91*	5.3	30	10	50	70	158	1830	72	Flexproof		Polyester web/fleece (PET)	Sand finish; Impregnated web/fleece	Non-adhesive					White	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure; Buffed/ground finish
	F18/0NNW6	2.5	0.10	-	-	25	1.0	40	1.6	18.0*	103*	6.0	34	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET)	Impregnated web/fleece	Non-adhesive	White	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure	White	●	Not conformable	-	5
	F24/0ANW5	3.6	0.14	-	-	50	2.0	50	2.0	24.0*	137*	8.0	46	10	50	70	158	1830	72	Flexproof	Polyester web/fleece (PET)	Sand finish; Impregnated web/fleece	Non-adhesive	White	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure; Buffed/ground finish	White	●	Not conformable	-	5
High temperature belts	HIT/A/N500	12.7	0.50	-	-	76	3.0	76	3.0	-	-	-	-	0	32	427	800	1524	60	Mechanical joining	Aramid	Non-woven (fleece) structure; Buffed/ground finish	Non-adhesive	Yellow	Aramid	1	Aramid	Non-woven (fleece) structure; Buffed/ground finish	Yellow	-	Not conformable	-	-
	HIT/A/N380A	8.0	0.31	-	-	76	3.0	150	5.9	44.0*	251*	-	-	0	32	427	800	1422	56	Flexproof	Aramid	Non-woven (fleece) structure	Non-adhesive	Yellow	Aramid	2	Polyester fabric (PET)	Impregnated fabric	White	-	Not conformable	-	-
	HIT/A/N300	7.9	0.31	-	-	76	3.0	76	3.0	-	-	-	-	0	32	427	800	1524	60	Mechanical joining	Aramid	Non-woven (fleece) structure; Buffed/ground finish	Non-adhesive	Yellow	Aramid	1	Aramid	Non-woven (fleece) structure; Buffed/ground finish	Yellow	-	Not conformable	-	-
Air gravity conveyor membrane	AGC/2000	5.5	0.22	-	-	-	-	-	-	-	-	-	-	-51	-60	154	310	1829	72	Mechanical joining	Polyester web/fleece (PET)	Non-woven (fleece) structure	Non-adhesive	White	Polyester web/fleece (PET)	0	Polyester web/fleece (PET)	Non-woven (fleece) structure	White	-	Not conformable	-	6
Conveyor and processing belts	G18/0NNB6E	2.5	0.10	-	-	30	1.2	50	2.0	18.0*	103*	6.4	37	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	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
	G18/0NNB6S	2.5	0.10	-	-	30	1.2	50	2.0	18.0*	103*	6.4	37	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	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
	G18/1UHB6C	3.7	0.15	-	-	80	3.2	80	3.2	18.0*	103*	6.4	37	-	-	80	176	1830	72	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Ultra glossy/non-adhesive	Transparent (black appearance)	Polyester (PET)	1	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Buffed/ground finish	Black	-	Not conformable	-	6

**Chemical Resistance Class**

See separate overview Pages 70-73

# Conveyor belts (fabric) (contd.)

● yes  
- no

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 OAD-W-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		Conveying Side	Traction Layer			Running Side	FDA conformance	USDA recommendations	Food suitability, EU conformance					
			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
Nonwoven conveyor and processing belts	Conveyor and processing belts	G23/0NNB6E	4.0	0.16	-	-	60	2.4	80	3.2	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	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
		G23/0NNB6S	4.0	0.16	-	-	60	2.4	80	3.2	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	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
		G23/1UHB6C	5.1	0.20	-	-	100	3.9	100	3.9	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Ultra glossy/non-adhesive	Transparent (black appearance)	Polyester (PET)	1	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Buffed/ground finish	Black	-	Not conformable	-	6
		G24/0NNB6E	5.6	0.22	-	-	100	4.0	125	4.9	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	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
		G24/0NNI6	5.6	0.22	-	-	100	4.0	100	4.0	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	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
		G26/0NHB3	3.4	0.13	-	-	40	1.6	50	2.0	26.0*	148*	9.0	51	0	32	80	176	1830	72	Flexproof	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;Buffed/ground finish	Black	-	Not conformable	-	3

See separate overview Pages 70-73

● yes  
- no

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		Standard	Conveying Side				Traction Layer		Running Side				FDA conformance	USDA recommendations	Food suitability, EU conformance
			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				
Solid woven conveyor and processing belts	Cotton belts	SWC/104D	1.8	0.07	4	0.16	8	0.3	8	0.3	-	-	-	-	-50	-58	107	225	-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	1	Cotton	Fabric	Natural	●	Not conformable	-	1	
		SWC/2	2.4	0.09	-	-	25	1.0	25	1.0	-	-	-	-	-50	-58	107	225	-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	2	Cotton	Fabric	Natural	●	Not conformable	-	1	
		SWC/3	3.2	0.13	-	-	51	2.0	51	2.0	-	-	-	-	-50	-58	107	225	-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	3	Cotton	Fabric	Natural	●	Not conformable	-	1	
		SWC/4	4.7	0.19	-	-	76	3.0	76	3.0	-	-	-	-	-50	-58	107	225	-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	4	Cotton	Fabric	Natural	●	Not conformable	-	1	
		SWC/6	6.3	0.25	-	-	152	6.0	152	6.0	-	-	-	-	-50	-58	107	225	-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	6	Cotton	Fabric	Natural	●	Not conformable	-	1	
		SWC/FW	2.5	0.10	15	0.59	15	0.6	15	0.6	-	-	-	-	-50	-58	107	225	-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	2	Cotton	Fabric	Natural	●	Not conformable	-	1	
		SWC/LW	1.9	0.08	-	-	25	1.0	25	1.0	-	-	-	-	-50	-58	107	225	-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	2	Cotton	Fabric	Natural	●	Not conformable	-	1	
	SWC/PT	1.1	0.05	-	-	25	1.0	25	1.0	-	-	-	-	-50	-58	107	225	-	-	Mechanical joining	Cotton	Fabric	Non-adhesive	Natural	Cotton	1	Cotton	Fabric	Natural	●	Not conformable	-	1		
	Polyester conveyor and processing belts	SWP/2HS	2.5	0.10	-	-	25	1.0	25	1.0	-	-	-	-	-51	-60	154	310	2184	86	Mechanical joining	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	●	Not conformable	-	6	
		SWP/4	5.0	0.20	-	-	-	-	-	-	-	-	-	-	-51	-60	154	310	2184	86	Mechanical joining	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	4	Polyester (PET)	Fabric	White	●	Not conformable	-	6	
		SWP/4HS	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	
		SWP/5	5.7	0.23	-	-	-	-	-	-	-	-	-	-	-51	-60	154	310	2184	86	Mechanical joining	Polyester (PET)	Fabric	Non-adhesive	White	Polyester (PET)	5	Polyester (PET)	Fabric	White	●	Not conformable	-	6	
		SWP/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	
	High temperature belts	HIT/FG/3	7.0	0.28	-	-	150	5.9	150	7.9	-	-	-	-	0	32	650	1202	305/610	12/24	Mechanical joining	Glass	Rough textile structure	Non-adhesive	Beige	Glass	3	Glass	Rough textile structure	Beige	-	Not conformable	-	-	
		HIT/APA/4	4.8	0.19	-	-	76	3.0	76	3.0	-	-	-	-	0	32	427	800	-	-	Mechanical joining	Aramid/ Polyacrylonitrile (PAN)	Fabric	Non-adhesive	Yellow/Black	Aramid/ Polyacrylonitrile (PAN)	4	Aramid/ Polyacrylonitrile (PAN)	Fabric	Yellow	-	Not conformable	-	-	
HIT/AW/4		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 characteristics	Chemical Resistance Class	
			Thickness		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flexion		Tensile force for 1% elongation (k1% after running) in per unit of width (Hebasit 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			
Polyamide folder-gluer belts	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	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Dark green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Dark green	●	2	
		S-10/40	4.0	0.16	40	1.6	40	1.6	5.5	31	0	32	100	212	0.7	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Dark green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Dark green	●	2	
		S-18/60	6.0	0.24	60	2.4	60	2.4	8.5	49	0	32	100	212	0.7	1200	47	Thermofix	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	
		CM-14/40F	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	
		CM-14/50F	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	

Permanently antistatic

See separate overview  
Pages 70-73

● yes  
- no

Product Group	Belt Type	Technical Data																Joining System	Product Construction/Design								Product Characteristic	Chemical Resistance Class			
		Thickness		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flexion		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	Conveying Side				Traction Layer		Running Side					
		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	Property
Polyamide machine tapes	A-1	1.2	0.05	25	1.0	25	1.0	6.5	37	-	-	-20	-4	100	212	0.3	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Mat (dull finish)	Adhesive	Green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Blank/ smooth	Non-adhesive	Black	●	2
	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)	Impregnated fabric	Non-adhesive	Green	●	2
	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)	Impregnated fabric	Non-adhesive	Green	●	2
	F-2	1.8	0.07	60	2.4	60	2.4	-	-	75	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)	Impregnated fabric	Non-adhesive	Green	●	2
Hamid machine tapes	MAT-02H	1.4	0.06	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	●	2
	MAM-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	●	2
	MAM-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	●	2
	MAN-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/ fleece (PET)	Non-woven (fleece) structure	Adhesive	Anthracite	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Black	●	2
	MAB-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	●	6
	MAB-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	●	6
	MAM-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	●	2
	MAM-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	●	2
	MAM-8P	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	●	2
	MAT-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	●	2
	MNN-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 (fleece) structure	Non-adhesive	Grey	Polyester fabric (PET)	1	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Black	●	6
	MNT-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	●	2
	MNT-8P	1.8	0.07	25	1.0	25	1.0	8.0	46	5.0	29	-20	-4	66	151	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	●	2
MVT-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	●	2	

Permanently antistatic

See separate overview Pages 70-73



● 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 flexion		Tensile force for 1% elongation (k1% after running in) per unit of width (Hebasit 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	Material
Polyamide power transmission belts	S-Tangential/flat belts	S-10/15	1.5	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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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-390H	3.2	0.13	120	4.7	120	4.7	17.0	97	39	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	-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 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 flexion		Tensile force for 1% elongation (k1% after running in) per unit of width (Hebasit 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					Material	Material
Polyamide power transmission belts	A-Flat 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)	Grooved	Black	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	One-sided power transmission	●	2
		A-3	3.4	0.13	110	4.3	110	4.3	12.5	71	32	183	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Grooved	Black	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	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)	Grooved	Black	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	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)	Grooved	Black	Polyamide (PA)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	One-sided power transmission	●	2
	Leather flat belts	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	Leather structure	Light grey	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	Leather structure	Light grey	Polyamide (PA)	Polyamide (PA) fabric	Rough structure	Green	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	Leather structure	Light grey	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	Leather structure	Light grey	Polyamide (PA)	Polyamide (PA) fabric	Rough structure	Green	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	Leather structure	Light grey	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	Leather structure	Light grey	Polyamide (PA)	Polyamide (PA) fabric	Rough structure	Green	One-sided power transmission	-	1
Aramid power transmission belts	TF-Tangential/flat 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)	Fine structure	Black	Aramid	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)	Fine structure	Green	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)	Rough structure	Black	Aramid	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Green	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	Fine structure	White	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)	Rough structure	Black	Aramid	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	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)	Rough structure	Black	Aramid	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	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)	Rough structure	Black	Aramid	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	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)	Rough structure	Black	Aramid	Polyester (PET)/Cotton (CO) fabric as friction cover (reverse side)	Fabric	Green	One-sided power transmission	●	2

● 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 flexion		Tensile force for 1% elongation (k1% after running in) per unit of width (Hebasit 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					
			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-20EF	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
		TC-20/25EF	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
		TC-35ER	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
		TC-35/30ER	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
		TC-35/35ER	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
		TC-55ER	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
	TCF-Flat belts	TCF-20E	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-eterephthalate)	Hamid foil	Fine structure	White	One-sided power transmission	●	2
		TCF-35E	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-eterephthalate)	Hamid foil	Fine structure	White	One-sided power transmission	●	2
		TCF-50H	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-eterephthalate)	Hamid foil	Fine structure	White	Double-sided power transmission	●	2
		TCF-55E	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-eterephthalate)	Hamid foil	Fine structure	White	One-sided power transmission	●	2
		CM-18/30F	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-eterephthalate)	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Green	Double-sided power transmission	●	2

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

● yes  
- no

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

Class of chemical resistance: 6

<sup>1)</sup> If used in the high temperature range, the service life of the belt is reduced.

<sup>2)</sup> No calculation value

<sup>3)</sup> For 1% elongation

Other colors on request and depending on the order quantity

● yes  
- no

Product Group	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/mm	lbs/in	N	lbs				Material	Surface	Color				
<b>Polycord round belt</b>	<b>R-2</b>	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	
	<b>R-3</b>	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	
	<b>R-4</b>	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	
	<b>R-5</b>	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	
	<b>R-6</b>	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	
	<b>R-7</b>	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	
	<b>R-8</b>	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	
	<b>R-10</b>	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	
	<b>R-12</b>	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	
	<b>R-15</b>	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	

See separate overview  
Pages 70-73

● 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 flexion		Tensile force for 1% elongation (k1% after running in) per unit of width (Hebasit 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	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	1.5	9	4	20	-20	-4	100	212	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)	Sand finish	Green	Polyamide (PA) fabric	Polyamide (PA)/Cellulose (CEL) as friction cover (whirl side)	Fabric	Yellow	●	2	
		TS-10	0.8	0.03	15	0.6	15	0.6	2.0	11	5	29	-20	-4	100	212	1200	47	Thermofix	Polyamide (PA) fabric as friction cover (pulley/cylinder side)	Fabric	Light green	Polyamide (PA)	Polyamide (PA) fabric as friction cover (whirl side)	Fabric	Yellow	-	2	
		TS-55	0.9	0.03	15	0.6	15	0.6	2.5	14	7	37	-20	-4	100	212	1200	47	Thermofix	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	
		HS-5	0.6	0.02	15	0.6	15	0.6	1.0	6	3	14	-20	-4	100	212	450	18	Thermofix	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	
		HS-55	0.9	0.03	15	0.6	15	0.6	2.0	11	6	34	-20	-4	100	212	85	3	Thermofix	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)	Blank/smooth	Black	Polyester (PET)/Cotton (CO) fabric	Polyester (PET)/Cotton (CO) fabric as friction cover (whirl side)	Impregnated fabric	Green	●	6	
		W-16	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	

Permanently antistatic

See separate overview Pages 70-73

Product Group	Product Sub-Group	Belt Type	Product Features									Product Construction				Technical Data																
			Substrate					Cover Material				Substrate		Cover Material		Substrate														Cover Material		
			Product Type	Abrasion Resistance	Anistatic	Oil Resistance	Surface Colour	Wear Resistance	Chemical Resistance	Surface Colour	Traction Layer	Pulley Side Material	Cover Material	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				
(relative)	(relative)	Resistant to	Not resistant to	Type	Shore A	mm	kg/m <sup>2</sup>	mm	K 1% N/mm	K adm N/m	°C	On steel pulley	Running side	Width max. mm	Circum. min./max. mm	Width +/- mm	Thick-ness +/- mm	Circum. +/- mm	°C	mm												
Rubber coated seamless belts	Grabber	RPHGH04	Stable	Very Good	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Red	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	1.3	1.2	10.0	16.0	100	0.5	Smooth					1.2	2.3	100			
		RPHGA01	Stable	Very Good	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Tan	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	40	1.3	1.0	10.0	16.0	100	0.5	Smooth					1.0	2.1	100			
		RPHGC01	Stable	Very Good	●	Excellent	Black	Good	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Green	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	55	1.3	1.1	10.0	16.0	100	0.5	Smooth					1.1	1.9	100			
		RPHGG04	Stable	Very Good	●	Excellent	Black	Poor	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Off White	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	1.3	1.3	10.0	16.0	100	0.5	Smooth					1.3	2.4	100			
		RPHGC03	Stable	Very Good	●	Excellent	Black	Excellent	Oils, Ozone and UV	Ketones, Some Hydrocarbons, Acids	Green	Polyester	Chloroprene Rubber (impregnated)	Polyurethane Rubber	55	1.3	1.2	10.0	16.0	107	0.5	Smooth					1.2	0.9	100			
		RPHGG06	Stable	Very Good	●	Excellent	Black	Very Good	Alcohols, Oils	Ketones, Ozone	Off White	Polyester	Chloroprene Rubber (impregnated)	Nitrile Butadiene Rubber	60	1.3	1.4	10.0	16.0	107	0.5	Smooth					1.4	0.9	105			
		RPHGE03	Stable	Very Good	●	Excellent	Black	Good	Ketones, Alcohols, Acids, Minerals	Hydrocarbons	Black	Polyester	Chloroprene Rubber (impregnated)	EPDM Rubber	50	1.3	1.2	10.0	16.0	120	0.5	Smooth					1.3	0.8	160			
		RNSFH04	Semi-Elastic	Very Good	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Red	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	0.9	1.2	3.3	5.3	100	0.6	Fine Textured					1.2	2.3	100			
		RNSFA01	Semi-Elastic	Very Good	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Tan	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	40	0.9	1.0	3.3	5.3	100	0.6	Fine Textured					1.0	2.1	100			
		RNSFC01	Semi-Elastic	Very Good	●	Excellent	Black	Good	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Green	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	55	0.9	1.1	3.3	5.3	100	0.6	Fine Textured					1.1	1.9	100			
		RNSFG04	Semi-Elastic	Very Good	●	Excellent	Black	Poor	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Off White	Polyester	Chloroprene Rubber (impregnated)	Natural Rubber	35	0.9	1.3	3.3	5.3	100	0.6	Fine Textured					1.3	2.4	100			
		RNSFC03	Semi-Elastic	Very Good	●	Excellent	Black	Excellent	Oils, Ozone and UV	Ketones, Some Hydrocarbons, Acids	Green	Polyester	Chloroprene Rubber (impregnated)	Polyurethane Rubber	55	0.9	1.2	3.3	5.3	107	0.6	Fine Textured					1.2	0.9	100			
		RNSFG06	Semi-Elastic	Very Good	●	Excellent	Black	Very Good	Alcohols, Oils	Ketones, Ozone	Off White	Polyester	Chloroprene Rubber (impregnated)	Nitrile Butadiene Rubber	60	0.9	1.4	3.3	5.3	107	0.6	Fine Textured					1.4	0.9	105			
		RNSFE03	Semi-Elastic	Very Good	●	Excellent	Black	Good	Ketones, Alcohols, Acids, Minerals	Hydrocarbons	Black	Polyester	Chloroprene Rubber (impregnated)	EPDM Rubber	50	0.9	1.4	3.3	5.3	120	0.6	Fine Textured					1.3	0.8	160			
		RH02H04	Semi-Elastic	Excellent	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Red	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	35	1.2	1.2	3.9	8.0	100	0.3	Smooth					1.2	2.3	100			
		RH02A01	Semi-Elastic	Excellent	●	Excellent	Black	Fair	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Tan	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	40	1.2	1.0	3.9	8.0	100	0.3	Smooth					1.0	2.1	100			
		RH02C01	Semi-Elastic	Excellent	●	Excellent	Black	Good	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Green	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	55	1.2	1.1	3.9	8.0	100	0.3	Smooth					1.1	1.9	100			
		RH02G04	Semi-Elastic	Excellent	●	Excellent	Black	Poor	Alcohols	Ozone, UV, Most Hydrocarbons, Oils	Off White	Polyamide	Polyurethane Rubber (spread-coated)	Natural Rubber	35	1.2	1.3	3.9	8.0	100	0.3	Smooth					1.3	2.4	100			
		RH02C03	Semi-Elastic	Excellent	●	Excellent	Black	Excellent	Oils, Ozone and UV	Ketones, Some Hydrocarbons, Acids	Green	Polyamide	Polyurethane Rubber (spread-coated)	Polyurethane Rubber	55	1.2	1.2	3.9	8.0	100	0.3	Smooth					1.2	0.9	100			
		RH02G06	Semi-Elastic	Excellent	●	Excellent	Black	Very Good	Alcohols, Oils	Ketones, Ozone	Off White	Polyamide	Polyurethane Rubber (spread-coated)	Nitrile Butadiene Rubber	60	1.2	1.4	3.9	8.0	100	0.3	Smooth					1.4	0.9	105			
RH02E03	Semi-Elastic	Excellent	●	Excellent	Black	Good	Ketones, Alcohols, Acids, Minerals	Hydrocarbons	Black	Polyamide	Polyurethane Rubber (spread-coated)	EPDM Rubber	50	1.2	1.2	3.9	8.0	100	0.3	Smooth					1.3	0.8	160					

Min. pulley diameter = (belt thickness in mm x 6) for belts having thickness up to 8 mm; (belt thickness in mm x 8) for thicker belts.

250 mm for belts having circumference up to 635 mm; otherwise 305 mm

minimum 500 mm; maximum 2030 mm

+/- 0.8 mm for belts having width upto 100 mm; otherwise +/- 16 mm

+/- 0.25 mm for belts having thickness up to 8 mm; otherwise +/- 0.4 mm

+/- 3 mm for belts having circumference upto 1270 mm; otherwise +/- 6 mm

2.5 mm to 12 mm

Product Group	Product Sub-Group	Belt Type	Product Features						Product Construction		Technical Data																		
			Product Type	Abrasion Resistance (relative)	Antistatic	Oil Resistance	Non-Marking Properties	Surface Colour	Traction Layer	Impregnated Elastomer	Thickness	Mass of belt	Pulley Diameter (minimum)	Tensile force for 1% elongation (static)	Tensile force (admissible)	Operating Temperature (admissible)	Operating Speed (admissible)	Dynamic Coefficient of Friction	Surface Structure		Manufacturing Dimensions		Dimensional Tolerance						
																			Running side	Conveying side	Width max. mm	Circum. min./max. mm	Width +/- mm	Circum. +/- mm	Thickness +/- mm				
Traditional seamless belts	Panther	<b>400 Panther</b>	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 +/- 1.6 mm for belts upto 507 mm circum.; +3.0 mm for belts of 508 to 1270 mm circum. +/- 6.0 mm for belts of 1271 to 3837 mm circum. +/- 10.0 mm for longer belts					0.15
		<b>W1002A</b>	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
		<b>W1005H</b>	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
		<b>200A</b>	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
		<b>Panther H</b>	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
		<b>W3002A</b>	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
		<b>W3005H</b>	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber	1.3	1.3	19	10	16	-35 to 160	65	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080						0.25
		<b>W3009</b>	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
		<b>Panther L</b>	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
		<b>W2002A</b>	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
		<b>W2005H</b>	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
		<b>W2009</b>	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
		<b>Panther VL</b>	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
		<b>W4002A</b>	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
		<b>W4005H</b>	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
		<b>W4009</b>	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
		<b>W3001</b>	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
		<b>W1011</b>	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
		<b>W1009</b>	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
		<b>E2631</b>	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



**Belt Types**

Belt Code	Belt Style	Pitch	Standard color			Open area	Belt thickness (S)	Open hinge	Nominal strenght at 23 °C/73.4 °F			Belt weight			Food suitability			
			mm inch	P	PE				POM/AC	%	mm inch	%	kg/m <sup>2</sup> lb./sq.ft.			FDA conformance	USDA recommended	EC conformance
													PP rod	PP rod	POM/AC rod			
M1220	Flat Top	12.7 0.5	W	N	B	0	10.0 0.39	yes	9,000 620	6,000 410	18,000 1,233	5.5 1.13	5.8 1.19	8.2 1.68	●	●	●	
M1220	GripTop	12.7 0.5	W	G	-	0	12.5 0.99	yes	9,000 620	-	-	6.5 1.33	4.2 0.86	7 1.43	●	-	●	
M1233	Flush Grid	12.7 0.5	W	G	N	B	25	yes	11,000 750	7,000 480	18,000 1,233	4 0.82	4.2 0.86	7 1.43	●	●	●	
M2510	Flat Top	25.4 1	W	N	W	0	11.0 0.43	yes	12,000 820	8,000 550	20,000 1,370	4.9 1.00	5.2 1.06	8.1 1.66	●	●	●	
M2511	Mesh Top	25.4 1	W	N	W	16	11.0 0.43	yes	11,000 750	7,000 480	18,000 1,233	4.9 1.00	5.2 1.06	8.1 1.66	●	●	●	
M2520	Flat Top	25.4 1	W	N	B	0	10.0 0.39	no	14,000 960	9,000 620	26,000 1,781	6.2 1.27	6.5 1.33	9.2 1.88	●	-	●	
M2520	GripTop	25.4 1	W	G	-	0	14.0 0.55	no	14,000 960	-	26,000 1,781	8.7 1.74	-	11.4 2.33	●	-	●	
M2520	Roller Top	25.4 1	-	-	B	0	Roller 15 0.59	yes	depending on pattern see datasheet			-	-	7.1 1.45	●	-	●	
M2531	Raised Rib	25.4 1	G	-	B	35	16.0 0.63	yes	16,000 1,100	-	27,000 1,850	6.8 1.39	-	10.4 2.13	●	-	●	
M2533	Flush Grid	25.4 1	W	N	B	35	10.0 0.39	yes	13,000 890	8,000 550	22,000 1,507	4.6 0.94	5.1 1.04	7.1 1.45	●	●	●	
M2533	GripTop	25.4 1	W	G	-	3 <sup>3)</sup>	14.0 0.55	yes	13,000 890	-	22,000 1,507	6.5 <sup>3)</sup> 1.33	-	9.3 <sup>3)</sup> 1.91	●	●	●	
M2533	Roller Top	25.4 1	-	-	B	35	Roller 15 0.59	no	depending on pattern see datasheet			-	-	8.4 1.72	●	-	●	
M2540	Radius Flush Grid	25.4 1	W	G	-	W	35	yes	19,000 <sup>1)</sup> 1,300 1,000 <sup>2)</sup> 225	-	27,000 <sup>1)</sup> 1,870 1,500 <sup>2)</sup> 338	4.7 0.96	-	7.0 1.43	●	●	●	
M2540	Radius Grid Top	25.4 1	W	G	-	-	35	yes	19,000 <sup>1)</sup> 1,300 1,000 <sup>2)</sup> 225	-	-	4.7 1	-	-	●	-	●	
M2540	Radius Roller Top	25.4 1	-	-	W	35	Roller 15 0.59	yes	depending on pattern see datasheet			-	-	7.0 1.44	●	-	●	
M2543	Tight Radius	25.4 1	W	-	W	35	12.7 0.50	yes	14,000 <sup>1)</sup> 960 800 <sup>2)</sup> 180	-	20,000 <sup>1)</sup> 1,370 1,200 <sup>2)</sup> 270	5.5 1.13	-	8.0 1.63	●	●	●	
M2620	Flat Top Heavy	25.4 1	-	-	G	0	12.7 0.5	no	-	-	45,000 3,083	-	-	14.0 2.88	●	-	●	
M3840	Radius Flush Grid	38.1 1.5	W	G	-	W	31	yes	25,000 <sup>1)</sup> 1,712 2,000 <sup>2)</sup> 450	-	32,000 <sup>1)</sup> 2,192 2,500 <sup>2)</sup> 563	8.0 1.64	-	11.8 2.42	●	●	●	
M3843	Tight Radius	38.1 1.5	W	-	W	37	18 0.7	yes	20,000 <sup>1)</sup> 1,370 1,800 <sup>2)</sup> 405	-	29,000 <sup>1)</sup> 1,986 2,250 <sup>2)</sup> 506	7.0 1.44	-	10.2 2.09	●	●	●	
M3840	Radius Roller Top	38.1 1.5	-	-	W	31	Roller 24 0.95	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 strenght at 23 °C/73.4 °F			Belt weight			Food suitability			
			mm inch	PP	PE				POM/AC	%	mm inch	%	kg/m <sup>2</sup> lb./sq.ft.			FDA conformance	USDA recommended	EC conformance
													PP rod	PP rod	POM/AC rod			
M5010	Flat Top	50.8 2	W	N	W	0	16.0 0.63	yes	18,000 1,230	10,000 690	30,000 2,055	9.0 1.84	9.4 1.92	13.5 2.76	●	●	●	
M5010	Roller Top	50.8 2	-	-	W	0	Roller 23 0.91	yes	depending on pattern see datasheet			-	-	13.5 2.8	●	-	●	
M5011	Perforated Flat Top	50.8 2	W	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	0	16.0 0.63	yes	-	-	30,000 2,055	-	-	13.7 2.80	●	●	●	
M5014	Nub Top	50.8 2	W	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	0	16.0 0.63	no	35,000 2,398	-	45,000 3,083	7.8 1.60	-	12.0 2.46	●	-	●	
M5020	GripTop	50.8 2	G	-	-	0	19.0 0.75	no	35,000 2,398	-	-	9.0 1.84	-	-	●	●	●	
M5031	Raised Rib	50.8 2	G	-	-	37	24.0 0.95	no	30,000 2,060	-	-	10 2.05	-	-	●	-	●	
M5032	Flush Grid Heavy	50.8 2.0	G	-	-	34	16.0 0.63	no	36,000 2,470	-	-	8.0 1.64	-	-	●	-	●	
M5032	Roller Top	50.8 2	G	-	G	33	Roller 23 0.91	no	depending on pattern see datasheet			8.0 1.7	-	12.0 2.46	●	-	●	
M5032	Roller Top 0°/45°/90°	50.8 2	G	-	-	depending on pattern see datasheet	32 1.28	no	depending on pattern see datasheet			-	-	-	●	-	●	
M5033	Flush Grid	50.8 2.0	W	N	-	37	16.0 0.63	yes	26,000 1,780	18,000 1,230	-	6.0 1.23	6.4 1.31	-	I	I	I	
M5033	Roller Top	50.8 2	W	-	W	37	Roller 23 0.91	yes	depending on pattern see datasheet			6.0 1.23	-	9.1 1.87	●	-	●	
M5131	Raised Rib	50.8 2	G	-	-	36	24 0.95	no	32,000 2,192	-	-	9.9 2.03	-	-	●	-	●	

- yes
- no
- <sup>1)</sup> for straight running
- <sup>2)</sup> for running in curve, absolute value [N/lb]
- <sup>3)</sup> depends on GripTop pattern
- W = white
- G = grey
- DG = dark grey
- B = blue
- N = natural

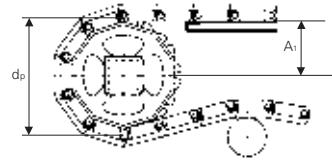
PP = Polypropylene (temperature range +5 to +105 °C / 41 to 221 °F)  
 PE = Polypropylene (temperature range -70 to +60 °C / -94 to 140 °F)  
 POM/AC = Polyoxymethylene/Acetal (temperature range -40 to +60 °C [wet] +90 °C [dry] / -40 to 140 °F [wet] 194 °F [dry])  
 PA = Polyamide (temperature range -46 to +130 °C dry / -50.8 to 266 °F dry)

## Belt Widths

Belt pitch/style	Standard belt widths (nominal)						Increment		Minimum width		Minimum width Flat Top
	mm inch	mm inch	mm inch	mm inch	mm inch	mm inch	Standard	Non-standard	"bricklaid"	"single row"	
0.5" and 1.0" belts	150 5.9	200 7.9	250 9.8	300 11.8	350 13.8	etc.	+n x 50 +n x 1.97	16.67 0.66	83.4 3.28	50 1.97	
1.0" Radius M2540	-	200 7.9	250 9.8	300 11.8	350 13.8	etc.	+n x 50 +n x 1.97	16.67 0.66	83.4 3.28	-	
1.0" Radius M2543	-	-	250 9.8	300 11.8	350 13.8	etc.	+n x 50 +n x 1.97	16.67 0.66	200 7.87	-	
1.5" Radius M3840	-	200 7.9	250 9.8	300 11.8	350 13.8	etc.	+n x 50 +n x 1.97	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 2.95	18.75 0.74	112.5 4.43	75 2.95	

## Sprockets

Number of teeth	M12000 - 0.5" pitch				M25000 - 1.0" pitch				M3800 - 1.5" pitch			M5000 - 2.0" pitch		
	d <sub>p</sub>	A <sub>1</sub>	Bore sizes		d <sub>p</sub>	A <sub>1</sub>	Bore sizes		d <sub>p</sub>	A <sub>1</sub>	Bore sizes	d <sub>p</sub>	A <sub>1</sub>	Bore sizes
	mm inch	mm inch	Sq	Rd	mm inch	mm inch	Sq	Rd	mm inch	mm inch	Sq	mm inch	mm inch	Sq
6	-	-	-	-	-	-	-	-	-	-	-	102.1 4.02	43.0 1.70	40 1.5
7	-	-	-	-	59.4 2.34	24.7 0.97	25	-	-	-	-	-	-	-
8	-	-	-	-	66.7 2.62	28.3 1.12	25	30 1 1/16	100.5 3.96	41.1 1.62	40 1.5	133.4 5.25	58.7 2.31	40/60 1.5
10	41.2 1.6	16.1 0.63	-	20 0.75	82.5 3.25	36.3 1.43	40 1 1/15	30 1 1/16	-	-	-	165.2 6.50	74.6 2.94	40/60 1.5/2.5
12	-	-	-	-	98.6 3.88	44.3 1.74	40 1 1/15	30/40 1 1/16	149.0 5.87	65.2 2.57	40 1.5	197.2 7.76	90.6 3.57	40/60 1.5/2.5/3.5
15	62.4 2.45	26.7 1.05	25 1	25 1 1/16	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	130.8 5.15	60.4 2.38	40 1.5	-	196.0 7.72	89.3 3.52	40 1.5	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 1.5/2.5	30 1 1/16	-	-	-	-	-	-
20	-	-	-	-	163.0 6.42	76.5 3.01	40/60 1.5/2.5	30 1 1/16	-	-	-	-	-	-
24	99.2 3.90	45.1 1.78	25/40 1/1.5	25 1	-	-	-	-	-	-	-	-	-	-
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 1.5/2.5	-	-	-	-	-	-	-	-	-	-	-



Flights height in mm/inch					
Code	F02	F05	F07	F10	F15
M1220	25 1	50 2	-	-	-
M2510	25 1	50 2	75 3	-	-
M2520	25 1	50 2	75 3	100 4	-
M2533 <sup>1)</sup>	25 1	50 2	75 3	-	-
M2540	25 1	50 2	-	-	-
M3840	25 1	50 2	75 3	100 4	-
M5010	25 1	50 2	75 3	100 4	150 6
M5030 <sup>1)</sup>	25 1	50 2	75 3	100 4	-

<sup>1)</sup> Corrugated shape, drainable

Sideguards height in mm/inch				
Code	G02	G05	G07	G10
M1220	-	50 2	-	-
M2520	-	50 2	-	-
M2540	25 1	-	-	-
M3840	-	50 2	-	-
M5010	-	50 2	75 3	100 4

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

● yes  
- no

## Remarks / Preconditions

The properties indicated are not guaranteed!

## Solids

All Habasit power 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 ( $\alpha$ ,  $\beta$ ,  $\gamma$ ), 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

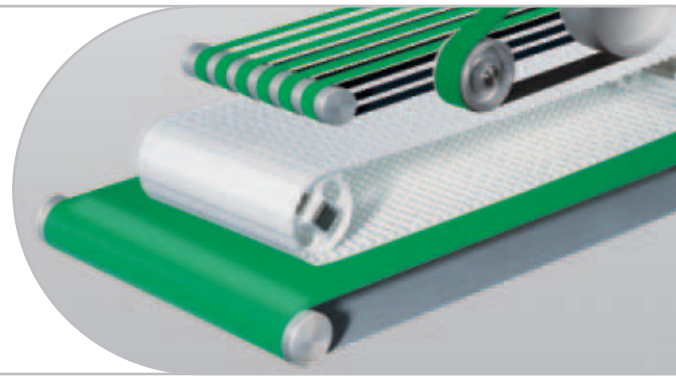
- = **Resistant** under standard climatic conditions of 23 °C/73 °F and 50% relative humidity (DIN 50005/ISO 554).
- ▶ = **Limited resistance.** Depending on operating conditions (exposure time, thermal/mechanical stress), discoloration, swelling, embrittlement or abrasion is possible.
- = **Not resistant.**

Influence	Habasit Chemical Resistance Class									
	1	2	3	4	5	6	7	8	9	10
<b>A</b>										
Acetic acid >25%	○	○	○	▶	○	○	○	●	▶	●
Acetone	●	○	○	●	○	○	○	●	●	●
Alcohols	●	●	○	●	○	○	●	●	●	●
Alkalis, strong	●	●	▶	▶	▶	▶	▶	●	●	●
Alkalis, weak	●	●	●	●	●	●	●	●	●	●
Ammonia, gaseous and aqueous	●	●	●	▶	▶	●	●	●	●	●
Ammonium salts	●	●	●	●	●	●	●	●	●	●
Amyl acetate	●	▶	○	▶	▶	○	○	▶	▶	●
Amyl alcohol	●	●	○	▶	●	○	○	●	●	●
Aniline	●	▶	○	●	▶	○	○	●	▶	▶
Arachis Oil	●	●	○	▶	▶	●	●	●	▶	●
<b>B</b>										
Baking fats	●	●	▶	▶	●	●	▶	●	▶	●
Baking powder	●	●	●	●	●	●	●	●	●	●
Beer	●	●	●	●	●	●	●	●	●	●
Benzene	●	○	○	○	○	○	○	●	○	▶
Benzoic acid	●	●	●	●	●	●	●	●	●	●
Bitter almond oil	●	●	○	▶	●	●	○	●	▶	●
Bitumen	●	●	▶	○	○	●	▶	●	▶	●
Bleaching lyes	▶	○	▶	○	○	○	▶	●	▶	●
Boric acid	●	●	●	●	●	●	●	●	●	●
Brandy	●	●	●	●	●	●	●	●	●	●
Bromine	○	○	○	○	○	○	○	●	○	▶
Butanol	●	●	○	●	●	○	○	●	●	●
Butter	●	●	○	▶	●	●	●	●	▶	●
Butyric acid	●	●	▶	▶	●	●	▶	●	▶	●
<b>C</b>										
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	●	○	○	▶	○	○	○	●	▶	●
<b>D</b>										
Decaline	●	●	○	○	●	●	○	●	○	○
Detergents (see also remarks)										
- acid	○	○	●	●	●	●	●	●	●	●
- alkaline	●	●	●	▶	●	●	●	●	●	●
- chlorinated	▶	▶	▶	▶	▶	▶	▶	●	●	●
- neutral	●	●	●	●	●	●	●	●	●	●
Developer, photographic	▶	▶	▶	▶	●	●	▶	●	▶	●
Diazonium salts	●	●	●	●	●	●	●	●	●	●
Diesel oil	●	●	○	○	●	●	○	●	○	▶
Diethylene glycol	●	●	▶	▶	●	○	▶	●	●	●
Disinfectants, see detergents										
<b>E</b>										
Edible fats and salad oils	●	●	○	▶	●	●	●	●	▶	●
Essential oils	●	●	○	○	●	●	○	●	●	●
Ester	●	▶	○	▶	▶	○	○	●	●	●
Ether	●	●	○	○	●	●	○	●	●	●
Ethyl acetate	●	○	○	▶	○	○	○	●	●	●
Ethyl alcohol	●	●	○	●	●	○	●	●	●	●



# The Habasit Solution

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



## Customer first

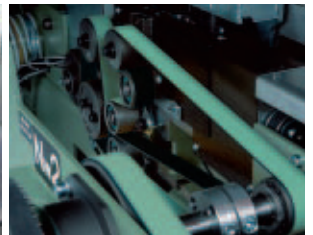
Habasit understands that our success depends on the success of our customers. That's why we offer solutions, not just products; partnership, not just sales. Our innovative belting solutions are tailored exactly to specific needs. We guarantee best value for money in every application. Since its foundation 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

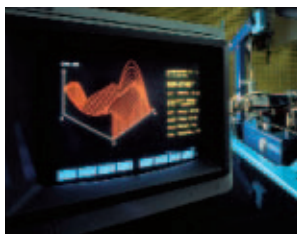
Habasit offers the largest selection of fabric and plastic modular belts in the industry. Our answer to any request is nothing less than a specific, tailor-made solution.

- 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 <sup>2</sup>
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.



**Austria**

Habasit GmbH, Wien  
Phone: +43 1 690 66  
www.habasit.at

**Belgium**

Habasit Belgium N.V., Zaventem  
Phone: +32 2 725 04 30  
www.habasit.be

**Canada**

Habasit Canada Ltd., Oakville  
Phone: +1 905 827 4131  
www.habasit.ca

**China**

Habasit East Asia Ltd., Hong Kong  
Phone: +852 2145 01 50  
www.habasit.com/hk

**Czech Republic**

Habasit Bohemia spol. s.r.o., Brno  
Phone: +4205 41 421 651  
www.habasit.cz

**France**

Habasit France S.A., Mulhouse  
Phone: +33 389 33 89 03  
www.habasit.fr

**Germany**

Habasit GmbH, Eppertshausen  
Phone: +49 6071 969 0  
www.habasit.de

**Hungary**

Habasit Hungária Kft., Esztergom  
Phone: +36 33 510 610  
www.habasit.hu

**India**

Habasit-lakoka Pvt. Ltd., Coimbatore  
Phone: +91 422 262 78 79  
www.habasitlakoka.com

**Italy**

Habasit Italiana Spa  
Customer Care:  
Phone: 199 199 333  
For int. calls: +39 0438 911444  
www.habasit.it

**Japan**

Habasit Nippon Co. Ltd., Yokohama  
Phone: +81 45 476 03 71  
www.habasit.co.jp

**Latvia**

Habasit Baltic SIA, Daugavpils  
Phone: +371 54 074 88  
www.habasit.lv

**Netherlands**

Habasit Netherlands BV, Nijkerk  
Phone: +31 33 24 72 030  
www.habasit.nl

**Norway**

Habasit Norge A/S, Oslo  
Phone: +47 22 90 92 80  
www.habasit.no

**Romania**

Habasit Import/Export Romania SRL,  
Bucuresti, Phone: +40 21 323 95 65  
www.habasit.ro

**Russia**

Habasit Moscow  
Phone: +7 09 59 561 508  
www.habasit.ru

**Singapore**

Habasit Far East Pte. Ltd., Singapore  
Phone: +65 6862 55 66  
www.habasit.com.sg

**Spain**

Habasit Hispanica S.A.,  
Barberà del Vallès  
Phone: +34 93 719 19 12  
www.habasit.com

**Sweden**

Habasit AB, Hindas  
Phone: +46 301 226 00  
www.habasit.se

**Switzerland**

Habasit Schweiz, Reinach  
Phone: +41 61 715 15 75  
www.habasit.ch

**Taiwan**

Habasit East Asia (Taiwan) Ltd.  
Taipei Hsien  
Phone: +886 2 8261 8330  
www.habasit.com.tw

**Ukraine**

Habasit Ukraina, Vinnica  
Phone: +38 0432 53 17 35  
or +38 0432 53 67 38  
www.habasit.ua

**United Kingdom and Ireland**

Habasit, Silsden  
Phone: + 44 (0) 870 835 9555  
www.habasit.co.uk

**USA**

Habasit Belting Inc., Suwanee,  
Georgia, Phone: +1 678 288 3600  
www.habasitusa.com

**USA (Seamless belts only)**

Habasit ABT Inc., Middletown,  
Connecticut, Phone: +1 860 632 2211  
www.habasitabt.com

**Product liability, application considerations**

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

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

BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.

**Headquarters**

Habasit AG  
Römerstrasse 1  
CH-4153 Reinach, Switzerland  
Phone +41 61 715 15 15  
Fax +41 61 715 15 55  
E-mail info@habasit.com  
www.habasit.com

Registered trademarks  
Copyright Habasit AG  
Subject to alterations  
Printed in Switzerland  
Publication data:  
4016BRO.VPR-en0504HQR