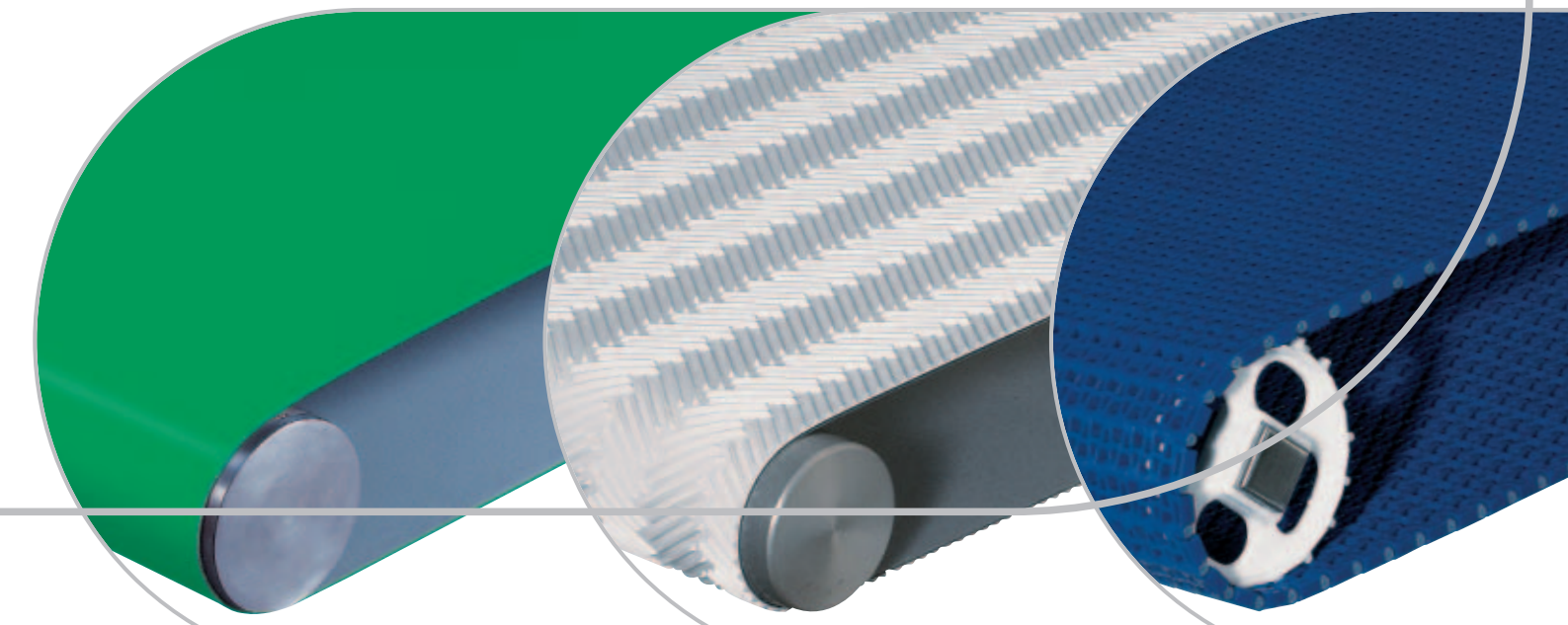
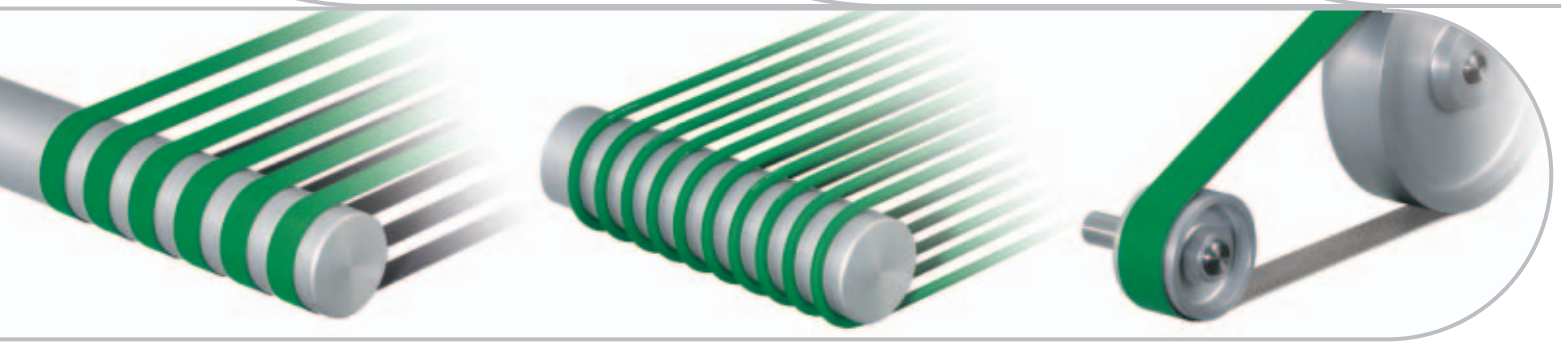
habasit

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

Product range	Product group	
Conveyor belts (fabric)	TPU food conveyor and processing belts	Habasit offers an extensive food conveyor- and processing-belt line with a high quality coating of Thermoplastic Polyurethane (TPU) for all of today's food processes. TPU belts offer ultimate performance and a superior life span. They are made from premium raw materials in widths up to 4 meters seamless using state-of-the-art processes.
	PVC conveyor and processing belts	The PVC belt line has been developed as general purpose conveyor belting for many different applications. A variety of surface finishes is available with different degrees of hardness and various colors. The range offers an excellent price-to-value ratio.
	TPO conveyor and processing belts	The Cleanline® range of conveyor belts makes use of the food polymer 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	
Folder-gluer belts	Polyamide folder-gluer belts Poyester 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.
Machine tapes	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 rentensioning 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.
Power transmission belts	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	
Round belts	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.
Spindle tapes	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.
Seamless belts	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.
Modular belts	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.
V-belts	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

● 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	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	N/mm	*lbs/in*	N/mm	*lbs/in*	°C	*°F*	°C	*°F*	mm	*in*		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
TPU food conveyor and processing belts	**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	Light grey	●	Conformable	●	6
		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

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	See separate overview Pages 70–73
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
TPU food conveyor and processing belts	**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	Light grey	●	Conformable	●	6
		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	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester fabric (PET) impregnated	Impregnated fabric	Trans-parent (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/ herring-bone 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)	Impreg-nated fabric	Non-adhesive	Trans-parent (clear)	Polyester (PET)	1	Polyurethane thermoplastic (TPU)	Impregnated fabric	Trans-parent (clear)	●	Conformable for packaged food only	●	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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	N/mm	*lbs/in*	N/mm	*lbs/in*	°C	*°F*	°C	*°F*	mm	*in*		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
TPU food conveyor and processing belts	**Food conveyor belts**	**FNI-5E**	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	●	Conformable	●	6
		FNI-5EI	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
		FNI-5ER	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
		FNI-12E	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
		FNT-2M	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
		FNT-5E	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
		FNT-5EC	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
		FNT-5EI	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
		FNT-5P	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
		FNT-5PC	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
		FFN-5ERWE	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	See separate overview Pages 70–73
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm	in		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
TPU food conveyor and processing belts	**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	White	●	Conformable	●	6
		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 thermo-plastic 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 thermo-plastic 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 thermo-plastic 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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	N/mm	*lbs/in*	N/mm	*lbs/in*	°C	*°F*	°C	*°F*	mm	*in*		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
TPU food conveyor and processing belts	**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**	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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	N/mm	*lbs/in*	N/mm	*lbs/in*	°C	*°F*	°C	*°F*	mm	*in*		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
TPU food conveyor and processing belts	**HyGUARD Japan antimicrobial belts**	**FAB-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)	Impregnated fabric	Light blue	●	Conformable	–	6
		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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (PVC)	Diagonal wave pattern (high elevated positive wave structure)	Adhesive	Black	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Grey	–	Not conformable	–	3
		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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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

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	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	N/mm	*lbs/in*	N/mm	*lbs/in*	°C	*°F*	°C	*°F*	mm	*in*		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
PVC conveyor and processing belts	**N-Line belts for general conveying**	**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	Polyvinyl-chloride 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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (PVC)	Blank/ smooth	Hard/non-adhesive	Transpar-ent (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive	Dark green	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric	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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	N/mm	*lbs/in*	N/mm	*lbs/in*	°C	*°F*	°C	*°F*	mm	*in*		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
PVC conveyor and processing belts	**N-Line belts for general conveying**	**NVT-294**	3.5	*0.14*	–	–	120	*4.7*	120	*4.7*	14.0	*80*	–	–	–10	*14*	70	*158*	3000	*118*	Flexproof	Polyvinyl-chloride (PVC)	Mat (dull finish)	Non-adhesive	Dark green	Polyester fabric (PET)	3	Polyester fabric (PET)	Fabric	Medium grey	–	Not conformable	–	3
		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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (PVC)	Quadrillé (quadran-gular) 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	Polyvinyl-chloride (PVC)	Quadrillé (quadran-gular) 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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (PVC)	Orb structure (positive hemispheri-cal 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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	N/mm	*lbs/in*	N/mm	*lbs/in*	°C	*°F*	°C	*°F*	mm	*in*		Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color				
PVC conveyor and processing belts	**N-Line belts for general conveying**	**NAO-48EHDV**	7.0	*0.28*	–	–	280	*11.0*	280	*11.0*	48.0	*274*	28.0	*160*	–10	*14*	70	*158*	2200	*87*	Flexproof	Polyvinyl-chloride (PVC)	Orb structure (positive hemispheri-cal 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	Polyvinyl-chloride (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	Polyvinyl-chloride (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 polyvinyl-chloride (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 polyvinyl-chloride (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	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive	White	Polyester (PET)	1	Polyester (PET)	Fabric	White	●	Conformable	●	7
		NAB-8EIWV	2.0	*0.08*	–	–	20	*0.8*	25	*1.0*	8.0	*46*	5.5	*31*	–10	*14*	70	*158*	3000	*118*	Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive	White	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	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive	White	Polyester (PET)	2	Polyester (PET)	Fabric	White	●	Conformable	●	7
		NAB-10EIWV	2.5	*0.10*	–	–	24	*0.9*	30	*1.2*	8.0	*46*	5.5	*31*	–10	*14*	70	*158*	3000	*118*	Flexproof	Polyvinyl-chloride (PVC)	Blank/ smooth	Adhesive	White	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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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	Polyvinyl-chloride (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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	in	mm	in	mm	in	mm	in	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	●	Conformable	●	7
		NNI-5EFTU	0.6	0.02	4	0.16	10	0.4	15	0.6	5.0	29	3.2	18	–20	–4	70	158	3000	118	Flexproof	Polyurethane thermoplastic (TPU)	Impreg-nated fabric	Non-adhesive	Trans-parent (clear)	Polyester (PET)	1	Polyurethane thermoplastic (TPU)	Impregnated fabric	Trans-parent (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)	Impreg-nated 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	See separate overview Pages 70–73
			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	Polyvinyl-chloride (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	Polyvinyl-chloride (PVC)	Quadrillé (quadran-gular) pattern	Adhesive	Anthracite	Polyester fabric (PET)	2	Polyester fabric (PET)	Fabric (low-noise)	Off-white	–	Not conformable	–	3
TPO conveyor and processing belts	**Cleanline**	**CAB-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 conduc-tive 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 conduc-tive 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 conduc-tive 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 conduc-tive 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 conduc-tive 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 conduc-tive 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 conduc-tive 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 conduc-tive 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/ herring-bone structure	Non-adhesive	White	Polyester fabric (PET) with conduc-tive 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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	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	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	●	Conformable	●	10
		PNB-10EYWO	2.3	*0.09*	–	–	100	*3.9*	120	*4.7*	10.0	*57*	6.0	*34*	–20	*–4*	70	*158*	3000	*118*	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyester (PET)	Fabric	White	●	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	Trans-parent (clear)	Polyester fabric (PET)	2	Acrylate	Impregnated fabric	White	●	Conformable	●	10
		PNB-10EVWW	2.9	*0.11*	–	–	150	*5.9*	150	*5.9*	10.0	*57*	6.0	*34*	–20	*–4*	70	*158*	3000	*118*	Flexproof	Polyolefine thermoplastic (TPO)	Mat	Non-adhesive	Trans-parent (clear)	Polyester fabric (PET)	2	Polyolefine thermoplastic (TPO)	Waffle structure	Trans-parent (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	Trans-parent (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	Trans-parent (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	Trans-parent (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 (cylindri-cal knob structure)	Non-adhesive	Trans-parent (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 (cylindri-cal knob structure)	Non-adhesive	Trans-parent (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	Trans-parent (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	Trans-parent (clear)	Polyester fabric (PET)	1	Polyolefine thermoplastic (TPO)	Blank/ smooth	Trans-parent (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	Impreg-nated 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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	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				
High duty conveyor and processing belts	**Crosslinked polyurethane conveyor and processing belts**	**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	Black	–	Not conformable	–	2
		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
	Polyamide conveyor and processing belts	**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
	Rubber conveyor and processing belts	**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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	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				
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*	Thermofix	Ethylene-Propylene-Terpolymer (EPDM) also called EPT	Grip structure	Adhesive	Anthracite	Polyester (PET)	2	Polyester fabric (PET)	Fabric	Off-white	–	Not conformable	–	4
	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	Trans-parent (green appear-ance)	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)	Longitu-dinal 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)	Longitu-dinal 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	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	See separate overview Pages 70–73
			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				
Extraline conveyor and processing belts	**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	–	Not conformable	–	6
		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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	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				
Extraline conveyor and processing belts	**Printing blankets**	**ENU-20EL**	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	–	Not conformable	–	6
		E-20EMBT	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
		ENU-50A	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
	Crosslapper belts	**ENA-4EE**	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
		ENA-8EE	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
	Prepress belts	**ENA-151A**	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
		ENA-151AEBH	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
	Forming belts	**EMB-12EM**	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
		EMB-12EMCH	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
	Deaeration belts	**ENT-12E**	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
		ENR-12E	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
	Belts for rubber processing	**ENR-15ERNC**	4.7	*0.19*	–	–	150	*5.9*	150	*5.9*	15.0	*86*	10.0	*57*	0	*32*	80	*176*	2750 1200	*108*	Mechanical joining	Cotton (CO)	Fabric	Non-adhesive	Beige	Polyester fabric (PET)	3	Cotton (CO)	Fabric	Beige	–	Not conformable	–	5
		ENR-15ERRS	4.7	*0.19*	–	–	150	*6.0*	150	*6.0*	15.0	*86*	10.0	*57*	0	*32*	80	*176*	2750 1200	*108*	Mechanical joining	Silicone (SI)	Impregnated fabric	Non-adhesive	Red	Polyester fabric (PET)	3	Cotton (CO)	Fabric	Beige	–	Not conformable	–	5
		ENR-20ERNC	5.6	*0.22*	–	–	200	*7.9*	200	*7.9*	20.0	*114*	13.0	*74*	0	*32*	80	*176*	2750 1200	*108*	Mechanical joining	Cotton (CO)	Fabric	Non-adhesive	Beige	Polyester fabric (PET)	4	Cotton (CO)	Fabric	Beige	–	Not conformable	–	5
		ENR-20ERRS	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
		EMB-20ERRS	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	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-WI-10.35)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	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				
Nonwoven conveyor and processing belts	**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	White	●	Not conformable	–	5
		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

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-WI-10.35)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side			FDA conformance	USDA recommendations	Food suitability, EU conformance	See separate overview Pages 70–73
			mm	*in*	mm	*in*	mm	*in*	mm	*in*	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				
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	Trans-parent (black appear-ance)	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

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	See separate overview Pages 70–73
			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/ Polyacryl-nitrile (PAN)	Fabric	Non-adhesive	Yellow/ Black	Aramid/ Polyacryl-nitrile (PAN)	4	Aramid/ Polyacrylnitrile (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	–	

Folder-gluer belts

● yes
– no

Product Group	Product Sub-Group	Belt Type	Technical Data: Thickness mm	Thickness in	Pulley diameter (minimum) mm	Pulley diameter (minimum) in	Pulley diameter (minimum) with counter flection mm	Pulley diameter (minimum) with counter flection in	Tensile force for 1 % elongation (k1 % after running in) per unit of width (Habasit standard 320.013) N/mm	Tensile force for 1 % elongation (k1 % after running in) per unit of width (Habasit standard 320.013) lbs/in	Operating temperature admissible (continuous) Min. °C	Operating temperature admissible (continuous) Min. °F	Operating temperature admissible (continuous) Max. °C	Operating temperature admissible (continuous) Max. °F	Coefficient of friction on driving pulley of steel	Seamless manufacturing width mm	Seamless manufacturing width in	Joining System: Standard		Product Construction/Design: Conveying Side Material	Conveying Side Surface	Conveying Side Property	Conveying Side Color	Traction Layer Material	Traction Layer Nr. of Fabrics	Running Side Material	Running Side Surface	Running Side Property	Running Side Color	Product characteristics: Permanently antistatic	Chemical Resistance Class: See separate overview Pages 70–73
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

● 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 flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064) (*k8% static) (Habasit standard 320.063)		Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard 320.013)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Coefficient of friction on driving pulley of steel	Seamless manufacturing width		Standard		Conveying Side				Traction Layer		Running Side				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	Property	Color	Material	Nr. of Fabrics	Material	Surface	Property	Color		
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)	Impreg-nated 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)	Impreg-nated fabric	Non-adhesive	Green	●	2
	F-2	1.8	*0.07*	60	*2.4*	60	*2.4*	–	–	7.5	*43*	–20	*–4*	100	*212*	0.15	1200	*47*	Thermofix		Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Impreg-nated fabric	Non-adhesive	Green	●	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

● yes
– no

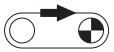
Product Group	Product Sub-Group	Belt Type	Technical Data: Thickness mm	Thickness in	Pulley diameter (minimum) mm	Pulley diameter (minimum) in	Pulley diameter (minimum) with counter flection mm	Pulley diameter (minimum) with counter flection in	Tensile force for 1 % elongation (k1 %, after running in) per unit of width (Habasit standard 320.013) N/mm	Tensile force for 1 % elongation (k1 %, after running in) per unit of width (Habasit standard 320.013) lbs/in	Nominal peripheral force per unit of width N/mm	Nominal peripheral force per unit of width lbs/in	Operating temperature admissible (continuous) Min. °C	Operating temperature admissible (continuous) Min. °F	Operating temperature admissible (continuous) Max. °C	Operating temperature admissible (continuous) Max. °F	Seamless manufacturing width mm	Seamless manufacturing width in	Joining System: Standard		Product Construction/Design: Friction cover Material	Friction cover Surface	Friction cover Color	Traction Layer Material	Reverse cover Material	Reverse cover Surface	Reverse cover Color	Product Characteristic: Drive determination	Permanently antistatic	Chemical Resistance Class: See separate overview Pages 70–73
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: Thickness mm	Thickness in	Pulley diameter (minimum) mm	Pulley diameter (minimum) in	Pulley diameter (minimum) with counter flection mm	Pulley diameter (minimum) with counter flection in	Tensile force for 1 % elongation (k1 %, after running in) per unit of width (Habasit standard 320.013) N/mm	Tensile force for 1 % elongation (k1 %, after running in) per unit of width (Habasit standard 320.013) lbs/in	Nominal peripheral force per unit of width N/mm	Nominal peripheral force per unit of width lbs/in	Operating temperature admissible (continuous) Min. °C	Operating temperature admissible (continuous) Min. °F	Operating temperature admissible (continuous) Max. °C	Operating temperature admissible (continuous) Max. °F	Seamless manufacturing width mm	Seamless manufacturing width in	Joining System: Standard		Product Construction/Design: Friction cover Material	Friction cover Surface	Friction cover Color	Traction Layer Material	Reverse cover Material	Reverse cover Surface	Reverse cover Color	Product Characteristic: Drive determination	Permanently antistatic	Chemical Resistance Class: See separate overview Pages 70–73
Polyamide power transmission belts	**A-Flat belts**	**A-2**	2.7	*0.11*	60	*2.4*	60	*2.4*	7.5	*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: Thickness mm	Thickness in	Pulley diameter (minimum) mm	Pulley diameter (minimum) in	Pulley diameter (minimum) with counter flection mm	Pulley diameter (minimum) with counter flection in	Tensile force for 1 % elongation (k1 %, after running in) per unit of width (Habasit standard 320.013) N/mm	Tensile force for 1 % elongation (k1 %, after running in) per unit of width (Habasit standard 320.013) lbs/in	Nominal peripheral force per unit of width N/mm	Nominal peripheral force per unit of width lbs/in	Operating temperature admissible (continuous) Min. °C	Operating temperature admissible (continuous) Min. °F	Operating temperature admissible (continuous) Max. °C	Operating temperature admissible (continuous) Max. °F	Seamless manufacturing width mm	Seamless manufacturing width in	Joining System: Standard		Product Construction/Design: Friction cover Material	Friction cover Surface	Friction cover Color	Traction Layer Material	Reverse cover Material	Reverse cover Surface	Reverse cover Color	Product Characteristic: Drive determination	Permanently antistatic	Chemical Resistance Class: See separate overview Pages 70–73
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_{UN}	Operating temperatur [1] admissible continuous 		Coefficient of friction μ on steel pulleys [2] 	Coil lenght: Tolerance +1%/-0% 	
		mm ∅						m_R* (g/m)		d_{min} (mm)	N	N	°C	°F		
Habicord round belts	**Habicord 3**	3	Polyurethane	–	85	–	–	8		30	17	12	–20/50	–4/122	0.5	300
	Habicord 4	4	Polyurethane	–	85	–	–	17		40	21	15	–20/50	–4/122	0.5	250
	Habicord 5	5	Polyurethane	–	85	–	–	25		50	35	25	–20/50	–4/122	0.5	250
	Habicord 6	6	Polyurethane	–	85	–	–	35		60	49	35	–20/50	–4/122	0.5	250
	Habicord 7	7	Polyurethane	–	85	–	–	48		70	70	50	–20/50	–4/122	0.5	200
	Habicord 8	8	Polyurethane	–	85	–	–	58		80	80	60	–20/50	–4/122	0.5	200
	Habicord 10	10	Polyurethane	–	85	–	–	96		100	146	100	–20/50	–4/122	0.5	100
	Habicord 12	12	Polyurethane	–	85	–	–	131		120	200	140	–20/50	–4/122	0.5	100
	Habicord 15	15	Polyurethane	–	85	–	–	208		150	250	175	–20/50	–4/122	0.5	50
	Habicord 20/7	20/7	Polyurethane	–	85	–	–	290		200	350	240	–20/50	–4/122	0.5	50
Smooth Habicord	**Habicord 8 smooth**	8	Polyurethane	–	85	–	–	60		80	150	115	–20/50	–4/122	0.6	200
	Habicord 10 smooth	10	Polyurethane	–	85	–	–	94		100	225	175	–20/50	–4/122	0.6	100
	Habicord 12 smooth	12	Polyurethane	–	85	–	–	133		120	330	255	–20/50	–4/122	0.6	100
Rough Habicord	**Habicord 3 rough**	3	Polyurethane	–	85	–	–	9		30	17	10	–20/50	–4/122	0.4	300
	Habicord 4 rough	4	Polyurethane	–	85	–	–	15		40	30	20	–20/50	–4/122	0.4	250
	Habicord 5 rough	5	Polyurethane	–	85	–	–	24		50	48	30	–20/50	–4/122	0.4	250
	Habicord 6 rough	6	Polyurethane	–	85	–	–	34		60	73	45	–20/50	–4/122	0.4	250
	Habicord 8 rough	8	Polyurethane	–	85	–	–	57		80	125	75	–20/50	–4/122	0.4	200
	Habicord 15 rough	15	Polyurethane	–	85	–	–	200		150	250	175	–20/50	–4/122	0.4	100
Reinforced Habicord RB	**Habicord RB 10**	10	Polyurethane	●	85	–	–	95		100	150 [3]	200	–20/50	–4/122	0.7	100
	Habicord RB 12	12	Polyurethane	●	85	–	–	136		120	220 [3]	230	–20/50	–4/122	0.7	100
Extraelastic	**Extra-Elastic 5**	5	Polyurethane	–	75	–	–	25		50	30	20	–20/50	–4/122	0.4	250
	Extra-Elastic 6	6	Polyurethane	–	75	–	–	36		60	48	30	–20/50	–4/122	0.4	250
Polywhite	**Polywhite 3**	3	Polyurethane	–	85	–	–	10		30	19	15	–20/50	–4/122	0.4	300
	Polywhite 4	4	Polyurethane	–	85	–	–	16		40	30	20	–20/50	–4/122	0.4	250
	Polywhite 5	5	Polyurethane	–	85	–	–	25		50	50	35	–20/50	–4/122	0.4	250
	Polywhite 6	6	Polyurethane	–	85	–	–	36		60	75	50	–20/50	–4/122	0.4	250
	Polywhite 7	7	Polyurethane	–	85	–	–	46		70	96	65	–20/50	–4/122	0.4	200
	Polywhite 8	8	Polyurethane	–	85	–	–	60		80	139	100	–20/50	–4/122	0.4	200
	Polywhite 10	10	Polyurethane	–	85	–	–	94		100	239	160	–20/50	–4/122	0.4	100
	Polywhite 12	12	Polyurethane	–	85	–	–	97		120	295	200	–20/50	–4/122	0.4	100
	Polywhite 15	15	Polyurethane	–	85	–	–	208		150	550	380	–20/50	–4/122	0.4	50

● yes
– no

All 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

[1] If used in the high temperature range, the service life of the belt is reduced.

[2] No calculation value

[3] For 1% elongation

Other colors on request and depending on the order quantity

● yes
– no

Product Group	Belt Type	Technical Data											Joining System	Product Construction / Design				Product Caracteristics		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	Permeanently antistatic	See separate overview Pages 70–73
		mm ∅	*in*	kg/m	*lbs/ft*	mm	*in*	N/mm	*lbs/in*	N	*lbs*			Material	Surface	Color	Material			
Polycord round belt	**R-2**	2	*0.08*	0.004	*0.003*	20	*0.8*	6.0	*1*	4	*1*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green	Polyurethane thermoplastic (TPU)	90	–	6
	R-3	3	*0.12*	0.009	*0.006*	30	*1.2*	13.0	*3*	9	*2*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6
	R-4	4	*0.16*	0.015	*0.010*	40	*1.6*	22.0	*5*	15	*3*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6
	R-5	5	*0.20*	0.024	*0.016*	50	*2.0*	35.0	*8*	24	*5*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6
	R-6	6	*0.24*	0.034	*0.023*	60	*2.4*	50.0	*11*	34	*8*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6
	R-7	7	*0.28*	0.046	*0.031*	70	*2.8*	70.0	*16*	46	*10*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6
	R-8	8	*0.32*	0.060	*0.040*	80	*3.1*	90.0	*20*	60	*13*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6
	R-10	10	*0.39*	0.094	*0.063*	100	*3.9*	140.0	*31*	94	*21*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6
	R-12	12	*0.47*	0.136	*0.091*	120	*4.7*	200.0	*45*	136	*31*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6
	R-15	15	*0.59*	0.212	*0.143*	150	*5.9*	315.0	*71*	212	*48*	0.3	Quickmelt	Polyurethane thermoplastic (TPU)	Rough structure	Green (Habasit green)	Polyurethane thermoplastic (TPU)	90	–	6

● yes
– no

Product Group	Product Sub-Group	Belt Type	Technical Data: Thickness mm	Thickness in	Pulley diameter mm	Pulley diameter in	Pulley diameter minimum with counter flection mm	Pulley diameter minimum with counter flection in	Tensile force for 1 % elongation (k1 %, after running in) per unit of width (Habasit standard 320.013) N/mm	Tensile force for 1 % elongation (k1 %, after running in) per unit of width (Habasit standard 320.013) lbs/in	Nominal peripheral force per unit of width N/mm	Nominal peripheral force per unit of width lbs/in	Operating temperature admissible (continuous) Min. °C	Operating temperature admissible (continuous) Min. °F	Operating temperature admissible (continuous) Max. °C	Operating temperature admissible (continuous) Max. °F	Seamless manufacturing width mm	Seamless manufacturing width in	Joining System: Standard	Product Construction/Design: Friction cover (pulley side) Material	Friction cover (pulley side) Surface	Friction cover (pulley side) Color	Traction Layer Material	Reverse cover (whirl side) Material	Reverse cover (whirl side) Surface	Reverse cover (whirl side) Color	Product Characteristic: Permanently antistatic	Chemical Resistance Class: See separate overview Pages 70–73
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

Seamless belts

Abbreviations / legend
EPDM = Ethylene-propylene-terpolymer (also called EPT)
NBR = Acrylo-nitrile-butadiene rubber
VFFS = Vertical form fill seal machine
Circum. = Circumference
UV = Ultra violet
● = yes
– = no

			Product Features									Product Construction					Technical Data																				
	Product Sub-Group	Belt Type	Substrate					Cover Material				Substrate			Cover Material		Substrate																			Cover Material		
Product Group			Product Type	Abrasion Resistance (relative)	Antistatic	Oil Resistance	Surface Colour	Wear Resistance (relative)	Chemical Resistance Resistant to	Chemical Resistance Not resistant to	Surface Colour	Traction Layer		Pulley Side Material	Cover Material Type	Surface Hardness Shore A	Thickness mm	Mass of belt kg/m²	Pulley Diameter (minimum) mm	Tensile force for 1 % elongation (static) K 1% N/mm	Tensile force (admissible) K adm N/m	Operating Temperature (admissible) °C	Dynamic Coefficient of Friction On steel pulley	Surface Structure Running side	Manufacturing Dimensions Width max. mm	Manufacturing Dimensions Circum. min./ max. mm	Dimensional Tolerance Width +/– mm	Dimensional Tolerance Thick-ness +/– mm	Dimensional Tolerance Circum. +/– mm	Specific Gravity	Dynamic Coefficient of Friction on copier paper (0.1 mm & 75 gsm)	Operating Temperature (admissible) °C	Cover Thickness 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	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.	10.0	16.0	100	0.5	Smooth	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	1.2	2.3	100	2.5 mm to 12 mm
		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	

Seamless belts

Abbreviations / legend
EPDM = Ethylene-propylene-terpolymer (also called EPT)
NBR = Acrylo-nitrile-butadiene rubber
VFFS = Vertical form fill seal machine
Circum. = Circumference
UV = Ultra violet
● = yes
– = no

Product Group	Product Sub-Group	Belt Type	Product Features						Product Construction			Technical Data																
			Product Type	Abrasion Resistance	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		
				(relative)								mm	kg/m²	mm	K 1% N/mm	K adm N/m	°C	m/sec.	On steel pulley	On copier paper (0.1 mm & 75 gsm)	Running side	Conveying side	Width max. mm	Circum. min./max. mm	Width +/– mm	Circum. +/– mm	Thickness +/– mm
Traditional seamless belts	**Panther**	**400 Panther**	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		0.9	1.0	15	11	18	–25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080	+/– 0.4 mm for belts upto 6.4 mm width +/– 0.8 mm for belts of 6.4 mm to 127 mm width +/– 1.6 mm for wider belts	+/– 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 3937 mm circum. +/– 10.0 mm for longer belts	0.15
		W1002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber		0.9	1.0	15	11	18	–30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080			0.15
		W1005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber		0.9	0.9	15	11	18	–35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080			0.15
		200A	Stable	Good	–	Good	Excellent	Brown	Polyester	Chloroprene Rubber		0.8	1.0	15	11	18	–25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080			0.15
		Panther H	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		1.3	1.4	19	10	16	–25 to 100	65	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080			0.25
		W3002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber		1.3	1.6	19	10	16	–30 to 100	65	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080			0.25
		W3005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber		1.3	1.3	19	10	16	–35 to 160	65	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080			0.25
		W3009	Stable	Good	–	Good	Excellent	Brown	Polyester	Chloroprene Rubber		1.1	1.4	19	10	16	–25 to 100	65	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080			0.25
		Panther L	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		0.6	0.7	6	5	8	–25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080			0.15
		W2002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber		0.6	0.7	6	5	8	–30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080			0.15
		W2005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber		0.6	0.7	6	5	8	–35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080			0.15
		W2009	Stable	Good	–	Good	Excellent	Brown	Polyester	Chloroprene Rubber		0.5	0.7	6	5	8	–25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080			0.15
		Panther VL	Stable	Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		0.5	0.5	5	3	5	–25 to 100	75	0.6	0.8	Smooth	Rough	6 to 305	178 to 5080			0.4
		W4002A	Stable	Excellent	●	Excellent	Good	Black	Polyester	Polyurethane Rubber		0.5	0.5	5	3	5	–30 to 100	75	0.8	0.8	Smooth	Textured	6 to 305	178 to 5080			0.4
		W4005H	Stable	Good	●	Good	Fair	Black	Polyester	EPDM Rubber		0.5	0.5	5	3	5	–35 to 160	75	0.6	0.6	Smooth	Textured	6 to 305	178 to 5080			0.4
		W4009	Stable	Good	–	Good	Excellent	Brown	Polyester	Chloroprene Rubber		0.4	0.5	5	3	5	–25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080			0.4
		W3001	Stable	Very Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		1.3	1.4	19	10	16	–25 to 100	65	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080			0.25
		W1011	Stable	Very Good	●	Good	Fair	Black	Polyester	Chloroprene Rubber		0.9	1.0	15	11	18	–25 to 100	75	0.5	0.7	Smooth	Rough	6 to 305	178 to 5080			0.15
		W1009	Stable	Good	–	Good	Excellent	Brown	Polyester	Chloroprene Rubber		0.8	1.0	15	11	18	–25 to 100	75	0.6	0.8	Smooth	Smooth	6 to 305	178 to 5080			0.15
		E2631	Stable	Good	●	Good	Good	Black	Polyester	Chloroprene Rubber		1.3	1.2	19	10	16	–25 to 100	65	0.3	0.6	Smooth	Textured	6 to 305	178 to 5080			0.25

HabasitLINK® plastic modular belts

Belt Types

Belt Code	Belt Style	Pitch	Standard color			Open area	Belt thickness	Open hinge	Nominal strenght at 23 °C/73.4 °F			Belt weight			Food suitability		
							(S)		N/m *lb./ft.*			kg/m² *lb./sq.ft.*					
		mm *inch*	PP	PE	POM/AC	%	mm *inch*		PP PP rod	PP PE rod	POM/AC PA rod	PP PP rod	PP PE rod	POM/AC PA rod	FDA conformance	USDA recommend.	EC conformance
M1220	Flat Top	12.7 *0.5*	W G	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*			●	–	●
M1233	Flush Grid	12.7 *0.5*	W G	N	B	25	10.0 *0.39*	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 G	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	–	B	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 G	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	–	B	[3]	14.0 *0.55*	yes	13,000 *890*	–	22,000 *1,507*	6.5[3] *1.33*	–	9.3[3] *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	11.0 *0.43*	yes	19,000[1] *1,300* 1,000[2] *225*	–	27,000[1] *1,870* 1,500[2] *338*	4.7 *0.96*	–	7.0 *1.43*	●	●	●
M2540	Radius Grid Top	25.4 *1*	W G	–	–	35	11.0 *0.43*	yes	19,000[1] *1,300* 1,000[2] *225*	–	–	4.7 *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[1] *960* 800[2] *180*	–	20,000[1] *1,370* 1,200[2] *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	18.0 *0.70*	yes	25,000[1] *1,712* 2,000[2] *450*	–	32,000[1] *2,192* 2,500[2] *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[1] *1,370* 1,800[2] *405*	–	29,000[1] *1,986* 2,250[2] *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	Open hinge	Nominal strenght at 23 °C/73.4 °F			Belt weight			Food suitability		
							(S)		N/m *lb./ft.*			kg/m² *lb./sq.ft.*					
		mm *inch*	PP	PE	POM/AC	%	mm *inch*		PP PP rod	PP PE rod	POM/AC PA rod	PP PP rod	PP PE rod	POM/AC PA rod	FDA conformance	USDA recommend.	EC conformance
M5010	Flat Top	50.8 *2*	W G	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 G	N	–	18	16.0 *0.63*	yes	18,000 *1,230*	10,000 *690*	–	7.8 *1.60*	8.3 *1.70*	–	●	●	●
M5013	Cone Top	50.8 *2*	–	–	W	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 s.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*	–	91 *1.87*	●	–	●
M5131	Raised Rib	50.8 *2*	G	–	–	36	24 *0.95*	no	32,000 *2,192*	–	–	9.9 *2.03*	–	–	●	–	●

● yes
– no

[1] for straight running
[2] for running in curve, absolute value [N/lb]
[3] depends on GripTop pattern

W = white
G = grey
DG = dark grey
B = blue
N = natural

PP = Polypropylene (temperature range +5 to +105 °C / *41 to 221 °F*)
PE = 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*)

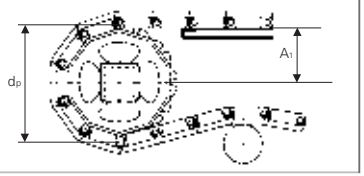
HabasitLINK® plastic modular belts

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	"bricklayed"	"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

	M12000 - 0.5" pitch				M25000 - 1.0" pitch				M3800 - 1.5" pitch			M5000 - 2.0" pitch		
Number of teeth	d_p	A_1	Bore sizes		d_p	A_1	Bore sizes		d_p	A_1	Bore sizes	d_p	A_1	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	–	– *1*	–	–	–	–	–
8	–	–	–	–	66.7 *2.62*	28.3 *1.12*	25	30 *1/1 3/16*	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 *1/1.5*	30 *1/1 3/16*	–	–	–	165.2 *6.50*	74.6 *2.94*	40/60 *1.5/2.5*
12	–	–	–	–	98.6 *3.88*	44.3 *1.74*	40 *1/1.5*	30/40 *1/1 3/16*	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 3/16*	–	–	–	–	–	–	–	–	–	–
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 3/16*						
20	–	–	–	–	163.0 *6.42*	76.5 *3.01*	40/60 *1.5/2.5*	30 *1/1 3/16*						
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 hight 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[1)]	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[1)]	25 *1*	50 *2*	75 *3*	100 *4*	–

[1)] Corrugated shape, drainable

Sideguards hight 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 hight in mm/inch		
Code	B10	B15
M5010	100 *4*	150 *6*

● yes
– no

Habasit Chemical Resistance Class Overview

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

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

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

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

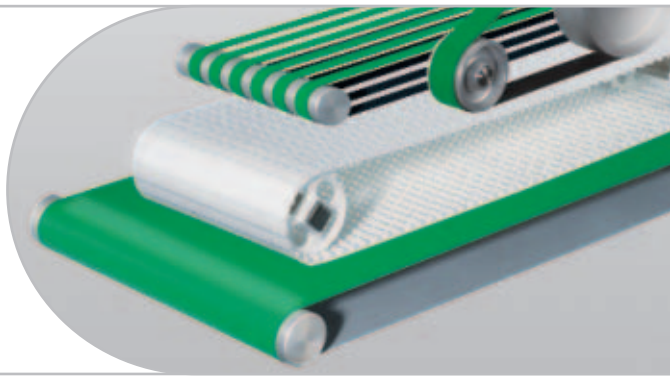
	Habasit Chemical Resistance Class									
Influence	1	2	3	4	5	6	7	8	9	10
A										
Acetic acid >25%	○	○	○	◗	○	○	○	●	◗	●
Acetone	●	○	○	●	○	○	○	●	●	●
Alcohols	●	●	○	●	●	○	●	●	●	●
Alkalis, strong	●	●	◗	◗	◗	◗	◗	●	●	●
Alkalis, weak	●	●	●	●	●	●	●	●	●	●
Ammonia, gaseous and aqueous	●	●	●	◗	◗	●	●	●	●	●
Ammonium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

Habasit Chemical Resistance Class Overview

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

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

The Habasit Solution



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

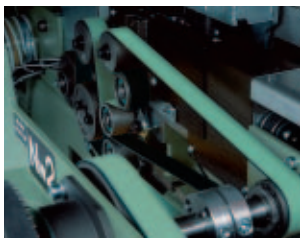
Customer first

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

Product range

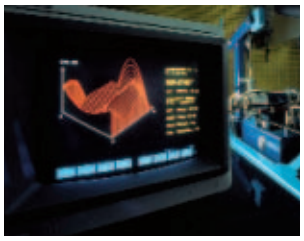
Habasit offers the largest selection of fabric and plastic modular belts in the industry. Our answer to any request is nothing less than a specific, tailor-made solution.

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



Innovation / R&D

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



Global network

Facts & figures

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

Services & guarantees

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

Habasit – We are where you are

Quality

Certified Quality System SQS ISO 9001/EN 29001 Reg. No. 10425-03

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

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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.

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