

Conveyor belts (fabric)

● yes
- no

Product Group	Product Sub-Group	Belt Type	Technical Data																	Joining System	Product Construction/Design										Admitted for food transport			Chemical Resistance Class		
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side				FDA conformance	USDA recommendations		Food suitability, EU conformance	
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm			in	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color					
PVC conveyor and processing belts	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		

See separate overview Pages 70-73

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			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side				FDA conformance	USDA recommendations		Food suitability, EU conformance	
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm			in	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color					
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				

See separate overview Pages 70-73