

Machine tapes

● 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					
		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	Material	Surface
Polyamide machine tapes	A-1	1.2	0.05	25	1.0	25	1.0	6.5	37	-	-	-20	-4	100	212	0.3	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Mat (dull finish)	Adhesive	Green	Polyamide (PA)	2	Polyurethane cross-linked (PUR)	Blank/smooth	Non-adhesive	Black	●	2		
	F-0	0.7	0.03	15	0.6	15	0.6	-	-	5	14	-20	-4	100	212	0.15	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Impregnated fabric	Non-adhesive	Green	●	2		
	F-1	1.3	0.05	25	1.0	25	1.0	-	-	4.5	26	-20	-4	100	212	0.15	1200	47	Thermofix	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Polyamide (PA)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Impregnated fabric	Non-adhesive	Green	●	2		
	F-2	1.8	0.07	60	2.4	60	2.4	-	-	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)	Impregnated fabric	Non-adhesive	Green	●	2		
Hamid machine tapes	MAT-02H	1.4	0.06	15	0.6	15	0.6	0.9*	5*	-	-	-30	-22	60	140	0.7	1200	47	Quickmelt	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Green	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Black	●	2		
	MAM-04H	1.5	0.06	15	0.6	15	0.6	2.4*	14*	-	-	-30	-22	60	140	0.7	1200	47	Quickmelt	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Black	●	2		
	MAM-05HP	1.6	0.06	15	0.6	15	0.6	3.5*	20*	-	-	-30	-22	60	140	0.7	1200	47	Quickmelt	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green (Habasit green)	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Black	●	2		
	MAN-05H	1.9	0.07	20	0.8	20	0.8	5.0*	29*	-	-	-30	-22	60	140	0.7	1200	47	Quickmelt	Polyester web/fleece (PET)	Non-woven (fleece) structure	Adhesive	Anthracite	Hamid	0	Acrylonitrile-Butadiene-Rubber (NBR)	Rough textile structure	Adhesive	Black	●	2		
	MAB-4E	1.3	0.05	25	1.0	25	1.0	4.0	23	-	-	-20	-4	60	140	0.7	1200	47	Flexproof	Polyurethane thermoplastic (TPU)	Fine structure	Adhesive	Dark green	Polyester fabric (PET)	1	Polyurethane thermoplastic (TPU)	Fine structure	Medium-adhesive	Black	●	6		
	MAB-8E	1.3	0.05	25	1.0	25	1.0	8.0	46	-	-	-20	-4	60	140	0.7	1200	47	Flexproof	Polyurethane thermoplastic (TPU)	Fine structure	Adhesive	Dark green	Polyester fabric (PET)	1	Polyurethane thermoplastic (TPU)	Fine structure	Adhesive	Dark green	●	6		
	MAM-5E	1.4	0.06	25	1.0	25	1.0	5.0	29	3.0	17	-20	-4	60	140	0.5	1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	Polyester fabric (PET)	1	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Black	●	2		
	MAM-5P	1.2	0.05	20	0.8	20	0.8	5.0	29	2.2	13	-20	-4	60	140	0.2	1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	Polyamide (PA)	1	Hamid	Blank/smooth	Non-adhesive	Black	●	2		
	MAM-8P	1.8	0.07	30	1.2	30	1.2	8.0	46	-	-	-20	-4	60	140	0.2	1200	47	Flexproof	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	Polyamide (PA) fabric/Hamid foil	1	Hamid	Blank/smooth	Non-adhesive	Black	●	2		
	MAT-5P	1.5	0.06	20	0.8	20	0.8	5.0	29	2.4	14	-20	-4	60	140	0.2	1200	47	Flexproof	Ethylene-Propylene-Terpolymer (EPDM) also called EPT	Rough structure	Adhesive	Green	Polyamide (PA)	1	Hamid	Blank/smooth	Non-adhesive	Black	●	2		
	MNN-10E	1.8	0.07	25	1.0	25	1.0	10.0	57	5.0	29	-20	-4	60	140	0.7	1200	47	Flexproof	Non-woven (PET/PP)	Non-woven (fleece) structure	Non-adhesive	Grey	Polyester fabric (PET)	1	Acrylonitrile-Butadiene-Rubber (NBR)	Rough structure	Adhesive	Black	●	6		
	MNT-5P	1.0	0.04	20	0.8	20	0.8	6.0	34	-	-	-20	-4	60	140	0.2	1200	47	Flexproof	Polyurethane cross-linked (PUR)	Fabric; Coated	Non-adhesive	Black	Polyurethane thermoplastic (TPU)	2	Polyurethane cross-linked (PUR)	Fabric; Coated	Non-adhesive	Black	●	2		
	MNT-8P	1.8	0.07	25	1.0	25	1.0	8.0	46	5.0	29	-20	-4	66	151	0.25	1200	47	Flexproof	Polyamide (PA) fabric	Fabric	Non-adhesive	Light grey	Polyamide (PA) fabric/Hamid foil	1	Polyamide (PA) fabric	Fabric	Non-adhesive	Light grey	●	2		
MVT-6P	1.5	0.06	20	0.8	20	0.8	6.0	34	-	-	-20	-4	60	140	0.2	1200	47	Flexproof	Polyurethane cross-linked (PUR)	Fabric; Coated	Non-adhesive	Black	Polyurethane thermoplastic (TPU)	2	Acrylonitrile-Butadiene-Rubber (NBR)	Fine structure	Adhesive	Green	●	2			

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Conveyor belts (fabric) (contd.)

● yes
- no

Product Group	Product Sub-Group	Belt Type	Technical Data																	Joining System	Product Construction/Design										Admitted for food transport			Chemical Resistance Class		
			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flection		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320.064)		Tensile force for 1% elongation (k1% relaxed elastic modulus EN 1723) per unit of width (Habasit standard 320.155)		Operating temperature admissible (continuous) Min.		Operating temperature admissible (continuous) Max.		Seamless manufacturing width		Standard	Conveying Side				Traction Layer		Running Side				FDA conformance	USDA recommendations		Food suitability, EU conformance	
			mm	in	mm	in	mm	in	mm	in	N/mm	lbs/in	N/mm	lbs/in	°C	°F	°C	°F	mm			in	Material	Surface	Property	Color	Material	Nr. of Fabrics	Material	Surface	Color					
High duty conveyor and processing belts	TPU conveyor and processing belts	HNB-5E	1.3	0.05	4	0.16	20	0.8	20	0.8	5.0	29	5.0	29	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	●	Conformable	●	6		
		HNB-6EZDT	1.3	0.05	4	0.16	15	0.6	24	0.9	6.0	34	4.0	23	-20	-4	100	212	2000	79	Flexproof	Polyurethane thermoplastic (TPU)	Matt	Non-adhesive	Dark green	Polyester fabric PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	White	-	Not conformable	-	6		
		HNB-8E	1.6	0.06	-	-	15	0.6	25	1.0	8.0	46	5.0	29	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	●	Conformable	●	6		
		HNB-12E	2.5	0.10	-	-	48	1.9	60	2.4	20.0	114	11.5	66	-15	5	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Non-adhesive	Green (Habasit green)	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	●	Conformable	●	6		
		H-4EMDT	0.9	0.04	4	0.16	15	0.6	15	0.6	5.0	29	3.5	20	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Dark green	Polyester fabric PET)	1	Polyester fabric (PET)	Impregnated fabric; Fabric (low-noise)	Grey	-	Not conformable	-	6		
		H-5EFGT	1.2	0.05	4	0.16	15	0.6	15	0.6	5.0	29	3.0	17	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Adhesive	Transparent (green appearance)	Polyester (PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	●	Conformable	●	6		
		H-5EXDT	1.2	0.05	4	0.16	15	0.6	15	0.6	5.0	29	4.0	23	-15	5	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Light grey	-	No use intended	-	6		
		H-6EHDT	1.7	0.07	-	-	24	0.9	32	1.3	6.0	34	4.0	23	-30	-22	80	176	4000	157	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Light grey	-	Not conformable	-	6		
		H-8EXDT	1.4	0.06	-	-	20	0.8	30	1.2	8.0	46	5.0	29	-15	5	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Mat; Blank/smooth	Non-adhesive	Dark green	Polyester (PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	-	Conformable	●	6		
		H-11EBDT	2.2	0.09	-	-	20	0.8	40	1.6	11.0	63	9.0	51	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Medium-adhesive	Dark green	Polyester fabric PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Light grey	-	Not conformable	-	6		
		HSW-5EB	1.6	0.06	4	0.16	15	0.6	24	1.3	6.0	34	3.5	20	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Waffle structure	Super-adhesive	Black	Polyester fabric PET)	2	Polyester fabric (PET)	Fabric (multifil/multifil)	Grey	-	Not conformable	-	6		
		HSL-5E	1.8	0.07	-	-	20	0.8	40	1.6	5.0	29	4.0	23	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Longitudinal groove structure	Super-adhesive	Dark green	Polyester fabric PET)	2	Polyester fabric (PET)	Impregnated fabric	Grey	-	Not conformable	-	6		
HSL-8E	1.9	0.07	-	-	20	0.8	40	1.6	8.0	46	5.0	29	-30	-22	80	176	2400	94	Flexproof	Polyurethane thermoplastic (TPU)	Longitudinal groove structure	Super-adhesive	Dark green	Polyester fabric PET)	2	Polyester fabric (PET) impregnated with thermoplastic Polyurethane (TPU)	Impregnated fabric	Grey	-	Not conformable	-	6				

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