

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			
			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	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	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	

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			Thickness		Nosebar Radius (minimum)		Pulley diameter (minimum)		Pulley diameter (minimum) with counter flexion		Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard 320,064) (*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			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	
Nonwoven conveyor and processing belts	Conveyor and processing belts	G23/0NNB6E	4.0	0.16	-	-	60	2.4	80	3.2	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	5	
		G23/0NNB6S	4.0	0.16	-	-	60	2.4	80	3.2	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	5	
		G23/1UHB6C	5.1	0.20	-	-	100	3.9	100	3.9	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyurethane thermoplastic (TPU)	Blank/smooth	Ultra glossy/non-adhesive	Transparent (black appearance)	Polyester (PET)	1	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Buffed/ground finish	Black	-	Not conformable	-	6	
		G24/0NNB6E	5.6	0.22	-	-	100	4.0	125	4.9	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Black	-	Not conformable	-	5	
		G24/0NNI6	5.6	0.22	-	-	100	4.0	100	4.0	24.0*	137*	8.0	46	-10	14	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Non-adhesive	Ice green	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with Acrylonitrile-Butadiene-Rubber (NBR)	Non-woven (fleece) structure (impregnated)	Ice green	-	Not conformable	-	5	
		G26/0NHB3	3.4	0.13	-	-	40	1.6	50	2.0	26.0*	148*	9.0	51	0	32	80	176	1830	72	Flexproof	Polyester web/fleece (PET) saturated with PVC	Non-woven (fleece) structure	Non-adhesive	Black	Polyester web/fleece (PET)	0	Polyester web/fleece (PET) saturated with PVC	Non-woven (fleece) structure; Buffed/ground finish	Black	-	Not conformable	-	3	

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