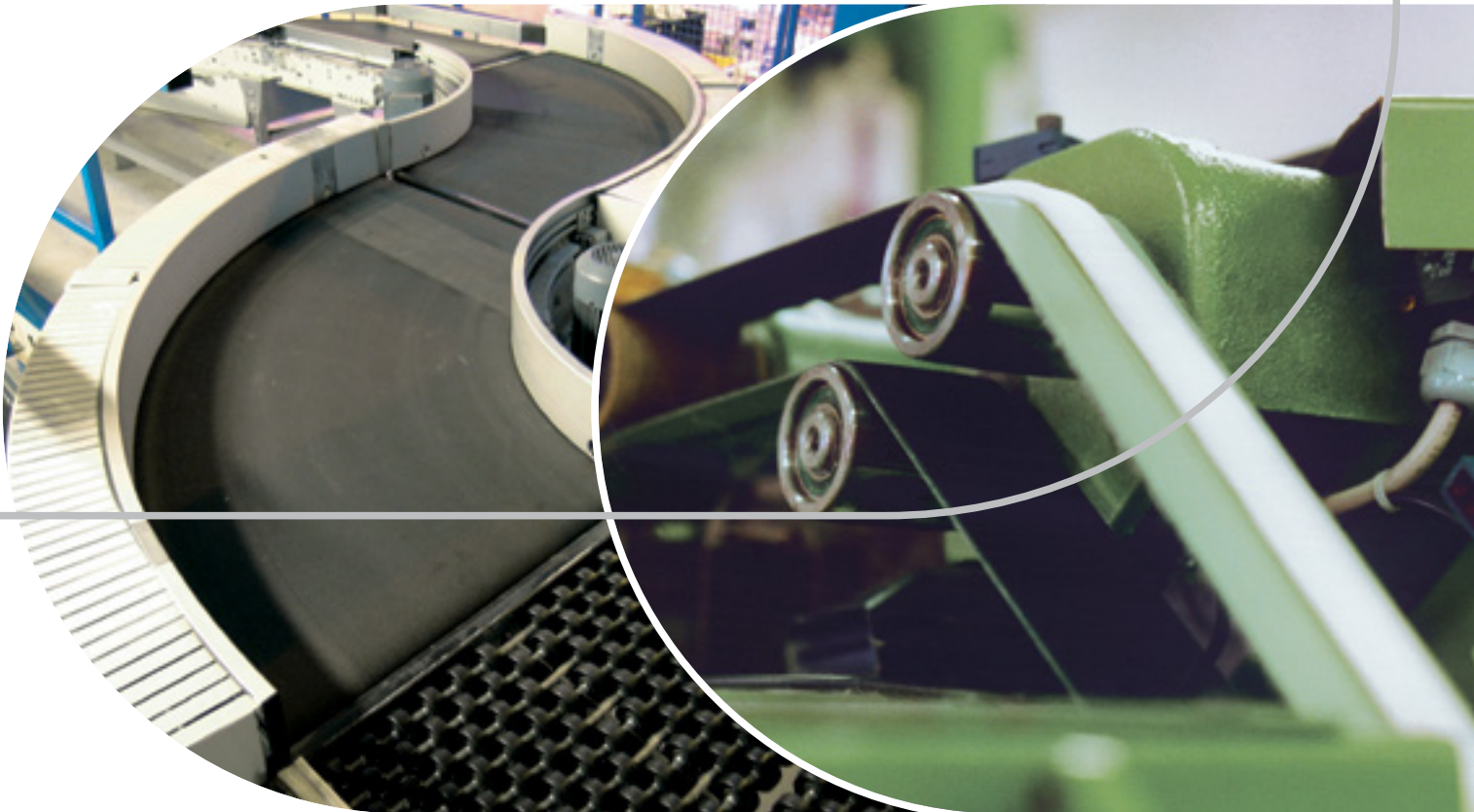


Fabric and round belt product range



General material handling	4	
Food	10	
Paper and printing, postal (machine tapes)	16	
Corrugated (folder-gluer)	20	
Wood	22	
Automotive	26	
Textile and power transmission	28	
Round belts	32	
Glass, aluminum, specialty, and airslide	34	
Solutions in motion	36	
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Material Dimension Chart			
Product Range or Type	Stocked Width	Mfg / Stocked Length	Length Range
Most power transmission belts, machine tapes, spindle tapes and folder gluer belts	47 inch (1.2 mtr)	328 ft, 394 ft	300–400 ft
3-digit S series, TF series, TC series	47 (1.2 mtr)	787 ft	750–820 ft
Domestic conveyor belts (i.e. TrackMate®, PolyMate, Ulti-Mate®, Heatmate, Allveyor®)	72 inch (1.8 mtr)	600 ft	540–660 ft
European conveyor belts (i.e. standard, food, high duty, extra-line, Cleanline®, HG)	Some at 94 inch (2.4 mtr), 79 inch (2 mtr), and 59 inch (1.5 mtr) – other widths possible / available. Many types are manufactured to 157 inches (4 mtr)	328 ft	300–360 ft
N-line, P-line conveyor belts	118 inches for most types (3 mtr)	328 ft	300–360 ft

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Low noise, back side	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Flame retardant	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resistance	Joining
Standard																			
SAB-5E 07	2	•	•	•	•	-	-	-	UL94HB	PET	A	PVC	smooth	anthracite	PET	fabric	off-white	3	F,L
SAB-8E 07	2	•	•	•	•	-	-	-	-	PET	A	PVC	smooth	anthracite	PET	fabric	off-white	3	F,L
SAG-8E 07	2	•	•	-	•	-	-	-	UL94HB	PET	A	PVC	grip	anthracite	PET	fabric	off-white	3	F,L
SAG-12E	2	•	•	-	•	-	-	-	UL94HB	PET	A	EPDM	grip	anthracite	PET	fabric	off-white	4	L,T
SAQ-8E 07	2	•	•	-	•	-	-	-	-	PET	A	PVC	quadrille	anthracite	TPU	impreg.	off-white	3	F,L
SAW-5E 13	2	•	•	-	•	-	-	-	UL94HB	PET	A	PVC	waffle	anthracite	PET	impreg.	light grey	3	F,L
SNB-5E 07	2	•	•	•	•	-	-	-	-	PET	N	PVC	sand	anthracite	PET	fabric	off-white	3	F,L
SNB-12E 07	2	•	•	-	•	-	-	-	-	PET	N	PVC	sand	anthracite	PET	fabric	light grey	3	F,L
N-Line																			
NAB-8EEDV 11	2	•	•	-	•	•	-	-	-	PET	A	PVC	smooth	dark green	PET	fabric	white	3	F,L
NAB-10ELBV 11	2	•	•	•	•	•	-	-	UL94HB	PET	A	PVC	smooth	black	PET	fabric	white	3	F,L
NAB-10ELDV 11	2	•	•	•	•	•	-	-	UL94HB	PET	A	PVC	smooth	dark green	PET	fabric	white	3	F,L
NAB-12EEDV 11	2	•	•	-	•	•	-	-	UL94HB	PET	A	PVC	smooth	dark green	PET	fabric	white	3	F,L
NAB-15EVDV-U2	2	-	•	-	-	•	-	-	-	PET	A	PVC	smooth	dark green	PVC	waffle	dark green	3	F,L
NAB-18EEAV 11	3	•	•	-	•	•	-	-	-	PET	A	PVC	smooth	anthracite	PET	fabric	white	3	F,L
NAJ-8EEDV 11	2	•	•	-	•	•	-	-	-	PET	A	PVC	jink wave	dark green	PET	fabric	white	3	F,L
NHB-5EKBV	1	•	-	-	•	•	-	-	UL94HB	PET	N	PVC	matt	black	PET	fabric	grey	3	F,L
NHB-10EKBV 11	2	•	•	•	•	•	-	-	UL94HB	PET	N	PVC	matt	black	PET	fabric	white	3	F,L
NHE-8EBBV-L3	2	•	•	-	•	•	•	•	-	PET	M	PVC	elliptical	black	PET	fabric	white	3	F,L
NHM-10EKBV11	2	•	•	•	•	•	-	-	-	PET	N	PVC	super-matt	black	PET	fabric	white	3	F,L
NHU-8EETV 11	2	•	•	-	•	•	-	-	-	PET	N	PVC	smooth	transparent	PET	fabric	white	3	F,L
NHU-12EAAV 11	3	•	•	-	-	•	•	•	-	PET	N	PVC	smooth	anthracite	PET	impreg.	white	3	F,L
NHZ-8ESBV-O1	2	•	•	•	•	-	•	•	ISO	PET	N	PVC	orange peel	black	PET	fabric	off-white	3	F,L
NHZ-10ESBV-O1	2	•	•	•	•	-	•	•	ISO	PET	N	PVC	orange peel	black	PET	fabric	off-white	4	F,L
NNT-10ENBU	2	•	•	•	•	-	-	-	-	PET	N	PET	impregnated	black	PET	fabric	grey	3	F,L
NNT-20ECDV	3	•	•	•	•	-	•	•	-	PET	N	PVC	impregnated	dark green	PET	impreg.	black	3	F,L
NSB-12EEAV 11	3	•	•	-	•	•	-	-	-	PET	A	PVC	smooth	anthracite	PET	fabric	white	3	F,L
NSL-10ELBV 11	2	•	•	•	•	•	-	-	UL94HB	PET	S	PVC	long. groove	black	PET	fabric	white	3	F,L
NSW-5ELAV	1	•	•	-	•	•	-	-	UL94HB	PET	S	PVC	waffle	anthracite	PET	fabric	grey	3	F,L
NAQ-8ELBV (NVT-298)	2	•	•	•	•	•	-	-	-	PET	A	PVC	quadrille	black	PET	fabric	white	3	F,L
NAS-8EHDV	2	•	•	-	-	•	-	-	-	PET	A	PVC	sawtooth	dark green	PET	fabric	white	3	F,L
N-Line FR																			
NAD-10ESBV 13	2	•	•	•	•	-	-	-	ISO	PET	A	PVC	diag. wave	black	PET	fabric	grey	3	F,L
NHE-8ESBV	2	•	•	•	•	•	•	•	ISO	PET	M	PVC	elliptical	black	PET	fabric	off-white	3	F,L
NHM-10ESBV 13	2	•	•	•	•	•	-	-	ISO	PET	N	PVC	super-matt	black	PET	fabric	off-white	3	F,L
NNT-10ESBU 13	2	•	•	•	•	-	-	-	ISO	PET	N	PUR	impregnated	black	PET	fabric	off-white	3	F,L
NSL-11ESBV 13	2	•	•	•	•	-	-	-	ISO	PET	S	PVC	long. groove	black	PET	fabric	off-white	3	F,L
Eff-Line																			
APH120FBS-E3	1	•	•	-	•	-	-	-	MSHA	PET	N	PVC	impregnated	black	PET	impreg.	green	3	F,L,T
APH150HTS-E3	1	•	•	-	•	-	-	-	MSHA	PET	N	PVC	impregnated	black	PET	buffed	green	3	F,L
NHM-10ESBV-E3	2	•	•	-	•	•	-	-	ISO	PET	N	PVC	super-matt	black	PET	impreg.	light green	3	F,L
NNT-10ELVV-E6	2	•	•	•	•	-	-	-	ISO	PET	N	PET	impregnated	light green	PET	impreg.	light green	3	F,L
NSL-11ESBV-E3	2	•	•	•	•	-	-	-	ISO	PET	S	PVC	long. groove	black	PET	impreg.	light green	3	F,L
Habasit UK																			
WVT-125	-	-	•	-	•	•	•	•	-	TPU	M	TPU	rough	black	TPU	rough	black	2	F,Q
High Duty																			
HAL-12E	2	•	•	-	•	-	•	-	-	PET	S	EPDM	long. groove	green	PUR	impreg.	black	4	F,L,T
HAR-12E	2	•	•	-	•	-	-	•	-	PET	A	NBR	rough textile	green	PET	fabric	white	5	F,L,T
HSL-8E	2	•	•	-	•	-	-	-	-	PET	S	TPU	long. groove	dark green	TPU	impreg.	grey	6	F,L,T
HSW-5EB	2	•	•	-	•	-	-	•	-	PET	S	TPU	waffle	black	PET	fabric	grey	6	F,L,T

Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k [lbs./in.] *1.5% **2%	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Belt Type
0.06	0.36	0.8	54	63	23	158	0.15 / 0.15	126	36SP	SAB-5E 07
0.08	0.49	1.6	57	69	23	158	0.20 / 0.15	126	36SP	SAB-8E 07
0.17	0.76	1.6	51	46	14	140	0.15 / 0.15	126	36SP	SAG-8E 07
0.20	0.86	2.4	97	171	-22	212	0.15 / 0.15	47	36	SAG-12E
0.08	0.49	1.6	57	46	14	140	0.15 / 0.15	126	36SP	SAQ-8E 07
0.07	0.37	0.8	34	46	23	122	0.15 / 0.15	126	36SP	SAW-5E 13
0.06	0.39	0.8	54	63	23	158	0.15 / 0.15	126	36SP	SNB-5E 07
0.10	0.59	2.4	91	97	23	158	0.15 / 0.15	126	36	SNB-12E 07
0.08	0.47	1.2	51	86	14	158	0.15 / 0.15	118	36LLSP	NAB-8EEDV 11
0.08	0.51	1.6	57	80	14	158	0.15 / 0.15	118	36LLSP	NAB-10ELBV 11
0.08	0.47	1.6	69	80	14	158	0.15 / 0.15	118	36LLSP	NAB-10ELDV 11
0.11	0.66	2.0	69	108	14	158	0.15 / 0.15	118	36LL	NAB-12EEDV 11
0.13	0.72	2.0	86	86	14	176	0.35 / -	118	36LL	NAB-15EVDV-U2
0.19	1.15	5.0	86	143	14	158	0.15 / 0.15	118	2HT	NAB-18EEAV 11
0.22	0.92	2.4	51	86	14	158	0.15 / 0.15	118	36LL	NAJ-8EEDV 11
0.04	0.25	1.0	31	29	14	158	0.15 / 0.15	118	36XSP	NHB-5EKBV
0.08	0.51	1.6	63	91	32	158	0.15 / 0.15	118	36LLSP	NHB-10EKBV 11
0.10	0.47	1.2	46	74	14	158	0.15 / 0.15	118	36SLSP	NHE-8EBBV-L3
0.08	0.51	1.6	63	97	14	158	0.15 / 0.15	118	36SLSP	NHM-10EKBV11
0.08	0.47	2.0	51	86	32	176	0.15 / 0.15	118	36LLSP	NHU-8EETV 11
0.12	0.78	4.0	80	126	32	158	0.15 / 0.15	118	36LLSP	NHU-12EAAV 11
0.10	0.61	2.4	46	80	5	158	0.15 / 0.15	118	36LLSP	NHZ-8ESBV-O1
0.12	0.74	2.4	46	80	5	158	0.15 / 0.15	118	36LLSP	NHZ-10ESBV-O1
0.08	0.49	1.2	57	74	-4	176	0.15 / 0.15	118	36LLSP	NNT-10ENBU
0.14	0.82	5.0	114	126	14	176	0.15 / 0.15	106	36LL	NNT-20ECDV
0.19	1.15	3.2	80	126	14	176	0.15 / 0.15	118	2	NSB-12EEAV 11
0.10	0.51	1.2	63	74	14	140	0.15 / 0.15	118	36LLSP	NSL-10ELBV 11
0.05	0.27	0.8	29	27	14	158	0.15 / 0.15	118	36SLXSP	NSW-5ELAV
0.09	0.49	1.6	63	91	14	158	0.15 / -	118	36SLSP	NAQ-8ELBV (NVT-298)
0.35	1.13	2.4	46	80	14	158	0.15 / 0.15	118	2	NAS-8EHDV
0.30	1.02	2.4	46	46	32	158	0.25 / 0.25	118	2HT	NAD-10ESBV 13
0.09	0.47	1.0	46	63	5	158	0.15 / 0.15	118	36SLSP	NHE-8ESBV
0.12	0.74	1.6	57	86	5	158	0.15 / 0.15	118	36SP	NHM-10ESBV 13
0.12	0.72	1.6	57	74	-22	176	0.15 / 0.15	118	36	NNT-10ESBU 13
0.12	0.72	1.6	57	80	-22	158	0.15 / 0.15	118	36LL	NSL-11ESBV 13
0.14	0.69	3.1	206*	120	0	180	0.15 / 0.15	72	2HT	APH120FBS-E3
0.19	0.90	4.0	200*	160	0	180	0.15 / 0.15	72	2HT	APH150HTS-E3
0.12	0.74	1.6	57	86	5	158	0.10 / 0.15	118	36LL	NHM-10ESBV-E3
0.08	0.47	1.6	57	80	32	176	0.10 / 0.15	118	36LLSP	NNT-10ELVV-E6
0.12	0.72	1.6	57	57	-22	158	0.10 / 0.15	118	36LL	NSL-11ESBV-E3
0.05	0.27	0.6	9	-	-22	194	0.6 / -	57	-	WVT-125
0.10	0.51	2.0	126	171	-22	212	0.15 / 0.15	47	36SP	HAL-12E
0.07	0.37	1.6	120	126	-4	212	0.15 / 0.15	94	36SP	HAR-12E
0.07	0.41	0.8	46	74	-22	176	0.15 / 0.15	94	36SLXSP	HSL-8E
0.06	0.34	0.6	37	57	-22	176	0.15 / 0.15	94	36SLSP	HSW-5EB

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

EPDM = ethylene propylene terpolymer

E3 = E-Saver saturant

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

TPU = polyurethane, thermoplastic

Flame retardant

ISO = Classified according to DIN 22103 and ISO 340
UL = UL 94HB

Joining

T = Thermofix

F = Flexproof

L = Laced

Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

S = Super Adhesive

A = Adhesive

M = Medium Adhesive

N = Non-Adhesive

*tensile force at 1.5% elongation

**tensile force at 2% elongation

Product Group and Belt Type		PLY / Fabrics	For slider bed	For carrying roller	Low noise, back side	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Flame retardant	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resistance	Joining
Extraline																				
E-5EXBT		2	•	•	-	•	-	-	-	-	PET	M	TPU	smooth	black	PET	fabric	grey	6	F,L,T
EMB-27EHBT		3	•	•	-	•	-	-	-	-	PET	M	TPU	smooth	black	TPU	impreg.	white	6	F,L
Allveyor®																				
A90COS-B		1	•	•	-	-	-	◊	-	-	PET	A	PVC	smooth	black	PVC	impreg.	black	3	F,L
A90FBS-B		1	•	•	-	-	•	◊	-	-	PET	N	PVC	impregnated	black	PVC	impreg.	black	3	F,L
A120COS-B		1	•	•	-	-	-	◊	-	-	PET	A	PVC	smooth	black	PVC	impreg.	black	3	F,L
A120CBS-B		1	-	•	-	-	-	◊	-	-	PET	A	PVC	smooth	black	PVC	smooth	black	3	F,L
A120CHEV-B (SS)		1	•	•	-	-	-	◊	-	-	PET	A	PVC	chevron	black	PVC	smooth	black	3	F,L
A120CRES-B (SS)		1	•	•	-	-	-	◊	-	-	PET	A	PVC	crescent	black	PVC	impreg.	black	3	L
A120FBS-B		1	•	•	-	-	-	◊	-	-	PET	N	PVC	impregnated	black	PVC	impreg.	black	3	F,L
A120RT-B		1	•	•	-	-	-	◊	-	-	PET	A	PVC	rougtop	black	PVC	impreg.	black	3	F,L
A150COS-B		1	•	•	-	-	-	◊	-	-	PET	A	PVC	smooth	black	PVC	impreg.	black	3	F,L
A150CBSMI-B		1	-	•	-	-	-	◊	-	-	PET	A	PVC	smooth	black	PVC	smooth	black	3	F,L
A150CRES-B (SS)		1	•	•	-	-	-	◊	-	-	PET	A	PVC	crescent	black	PVC	impreg.	black	3	F,L
A150FBS-B (SS)		1	•	•	-	-	-	◊	-	MSHA	PET	A	PVC	impregnated	black	PVC	impreg.	black	3	F,L
A150CRES-B (SS)		1	•	•	-	-	-	-	-	-	PET	A	PVC	crescent	black	PVC	impreg.	black	3	F,L
A200COS-B (SS)		1	•	•	-	-	-	◊	-	-	PET	A	PVC	smooth	black	PVC	impreg.	black	3	F,L
A200FBS-B (SS)		1	•	•	-	-	-	◊	-	-	PET	A	PVC	impregnated	black	PVC	impreg.	black	3	F,L
Allveyor® Package Handling																				
APH120COS		1	•	•	-	-	-	-	MSHA	PET	A	PVC	smooth	black	PVC	brushed	black	3	L	
APH120FBS		1	•	•	-	-	-	-	MSHA	PET	N	PVC	impregnated	black	PVC	brushed	black	3	F,L,T	
APH150HFLRXLN		1	•	•	-	-	-	-	MSHA	PET	A	PVC	long. groove	black	PVC	brushed	black	3	L	
APH150HTS		1	•	•	-	-	-	-	MSHA	PET	N	PVC	brushed	black	PVC	brushed	black	3	F,L,T	
APH150LFOXLN		1	•	•	•	-	-	•	MSHA	PET	M	PVC	orange peel	black	PVC	brushed	black	3	L	
APH150LR		1	•	•	-	-	-	•	MSHA	PET	S	PVC	long. groove	black	PVC	buffed	black	3	L	
APH150MFOXLN		1	•	•	•	-	-	•	MSHA	PET	M	PVC	orange peel	black	PVC	brushed	black	3	L	
APH200HFS		1	•	•	-	-	-	-	MSHA	PET	N	PVC	impregnated	black	PVC	brushed	black	3	F,L	
PolyMate®																				
PMARKLNG-BE		1	•	•	•	-	-	-	-	PET	M	TPA	rougtop	blue	TPA	impreg.	black	-	F,L	
PMAKLNG-BR		1	•	•	•	-	•	-	-	PET	A	TPA	rougtop	brown	TPA	impreg.	brown	-	F,L	
TrackMate®																				
TM120FBS-B		-	•	•	•	-	•	-	•	MSHA	PET	N	PVC	impregnated	black	PVC	impreg.	black	3	F,L
TM120LR-B		-	•	•	•	-	•	-	•	MSHA	PET	A	PVC	long. groove	black	PVC	impreg.	black	3	F,L
TM120RT-B		-	•	•	•	-	•	-	•	-	PET	A	PVC	rougtop	black	PVC	impreg.	black	3	F,L
TM447-B		1	•	•	•	-	•	-	•	ISO	PET	A	PVC	rougtop	black	PVC	impreg.	black	3	F,L
TMIPH135LR		1	•	•	•	-	•	-	•	ISO	PET	S	PVC	long. groove	black	PVC	impreg.	black	3	F,L
TMIPH529FBS		1	•	•	•	-	-	-	•	ISO	PET	N	PVC	impregnated	black	PVC	impreg.	black	3	F,L
TMIPH533EMB		1	•	•	•	-	-	-	•	ISO	PET	M	PVC	embossed	black	PVC	impreg.	black	3	F,L
TMIPH633EMB		1	•	•	•	•	-	-	•	ISO	PET	A	PVC	embossed	black	PVC	impreg.	black	3	F,L
TMPH90LFOX		1	•	•	•	-	-	-	-	MSHA	PET	N	PVC	embossed	black	PVC	impreg.	black	3	L
TMPH90MFOX		1	•	•	•	-	-	-	-	MSHA	PET	M	PVC	embossed	black	PVC	impreg.	black	3	L
Ulti-mate®																				
UM100SC-B 18		1	•	•	•	•	-	-	•	-	PET	N	NBR	buffed	black	NBR	buffed	black	5	F,L,T
UM155SC-B 18		1	•	•	•	•	-	-	•	-	PET	N	NBR	buffed	black	NBR	buffed	black	5	F,L,T
UMS140HMBBS-B		1	•	•	-	•	-	-	•	-	PET	N	SBR	impregnated	black	SBR	buffed	black	5	F,L,T
UMS140HMSD-B		1	•	•	-	•	-	-	•	-	PET	A	PUR	impregnated	black	PET	buffed	black	5	F,L
UM220-G 18		1	•	•	•	-	•	-	•	-	PET	N	NBR	buffed	light green	NBR	buffed	lt. green	5	F,L,T
UM220SC-B 18		1	•	•	•	•	-	-	•	-	PET	N	NBR	buffed	black	NBR	buffed	black	5	F,L,T
UMPH140BVPT		1	•	-	•	•	-	-	•	MSHA	PET	M	PUR	embossed	black	PET	impreg.	black	5	L,T
UMS130SC-B		1	•	•	•	•	-	-	•	-	PET	N	SBR	impregnated	black	SBR	impreg.	black	3	F,L

Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.] *1.5% **2%	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.05	0.27	0.6	37	69	-22	176	0.15 / 0.15	94	36SLXSP	#00	E-5EXBT
0.10	0.59	3.2	188	206	14	176	0.15 / 0.20	59	UX1SP	#7	EMB-27EHBT
0.11	0.73	2.0	170	91	-10	180	0.20 / 0.30	72	1-A	#7	A90COS-B
0.11	0.56	2.0	150	137	-10	180	0.30 / 0.35	72	36	#7	A90FBS-B
0.13	0.83	3.0	130	91	-10	180	0.20 / 0.30	72	1	#7	A120COS-B
0.15	1.04	3.0	120	64	-10	180	0.40 / 0.50	72	1	#15	A120CBS-B
0.22	0.96	3.5	150	91	-10	180	0.15 / 0.35	72	1	#7	A120CHEV-B
0.24	1.00	3.5	150	91	-10	180	0.15 / 0.35	72	2	#7	A120CRES-B
0.11	0.68	3.0	120	106	-10	180	0.30 / 0.35	72	1	#15	A120FBS-B
0.23	0.97	3.0	150	110	-10	180	0.20 / 0.20	72	2	#15	A120RT-B
0.16	1.04	4.0	200	146	-10	180	0.25 / 0.30	72	2HT	#20	A150COS-B
0.20	1.22	3.5	170	110	-10	176	0.40 / 0.50	72	2	#25	A150CBSMI-B
0.25	1.06	3.5	180	91	-30	180	0.15 / 0.35	72	2	#7	A150CRES-B
0.14	0.81	3.0	170	92	-10	180	0.30 / 0.35	72	1	#15	A150FBS-B
0.25	1.06	3.5	155	150	-30	180	0.25 / 0.35	72	2	#7	A150CRES-B
0.22	1.27	6.0	175	183	-10	180	0.20 / 0.30	72	4	#27	A200COS-B
0.19	0.96	6.0	155	200	-10	180	0.30 / 0.35	72	3	#25	A200FBS-B
0.13	0.92	2.6	120	116	0	180	0.15 / 0.25	72	2HT	-	APH120COS
0.13	0.59	3.0	120	120	0	180	0.15 / 0.25	72	2HT	#27	APH120FBS
0.16	0.85	2.3	188	120	10	176	0.20 / 0.18	72	2HT	#25	APH150HFLRXLN
0.19	0.90	4.0	200	127	0	180	0.15 / 0.25	72	3HT	#25	APH150HTS
0.15	0.86	3.0	206	120	10	176	0.20 / 0.18	72	2HT	#25	APH150LFOXLN
0.17	0.86	3.0	175	86	0	180	0.25 / 0.30	72	2HT	#25	APH150LR
0.17	0.92	2.3	206	120	0	180	0.20 / 0.19	72	2HT	#25	APH150MFOXLN
0.20	1.20	4.0	210	165	0	180	0.15 / 0.25	72	3HT	#25	APH200HFS
0.30	1.40	2.0	128	82	10	212	0.20 / 0.20	72	5	#27	PMARKLNG-BE
0.28	0.90	3.0	140	82	-10	180	0.25 / 0.25	72	5	#27	PMAKLNG-BR
0.10	0.60	1.6	150	126	-10	160	0.20 / 0.20	72	1	#62	TM120FBS-B
0.15	0.90	1.6	145	73	-10	195	0.25 / 0.20	72	2SP	#125	TM120LR-B
0.22	0.88	2.8	145	91	-10	158	0.20 / 0.20	72	1	#125	TM120RT-B
0.26	1.14	3.0	145	73	-10	180	0.25 / 0.20	72	2	#125	TM447-B
0.17	0.88	3.0	135	117	-10	176	0.25 / 0.20	72	2HT	#125	TMIPH135LR
0.13	0.76	3.0	130	128	-10	230	0.25 / 0.20	72	2HT	#125	TMIPH529FBS
0.14	0.96	3.1	150	128	-10	176	0.25 / 0.20	72	2HT	#125	TMIPH533EMB
0.15	0.96	2.0	150	103	-10	195	0.25 / 0.20	72	2HT	#125	TMIPH633EMB
0.13	0.80	2.3	191	191	-10	225	- / 0.12	72	2HT	#27	TMPH90LFOX
0.13	0.80	2.3	191	191	-10	225	- / 0.12	72	2HT	#27	TMPH90MFOX
0.10	0.42	1.0	115	73	14	176	0.25 / 0.30	79	36SLSP	#62	UM100SC-B 18
0.15	0.43	2.0	135	64	10	176	0.20 / 0.25	79	2	#125	UM155SC-B 18
0.15	0.45	2.0	115	36	10	176	0.25 / 0.25	72	1LL	#125	UMS140HMBBS-B
0.15	0.50	2.0	120	130	10	176	0.15 / 0.20	73	2SP	#126	140HMSDB
0.22	0.70	4.0	110	82	10	176	0.20 / 0.25	79	4	#187	UM220-G 18
0.22	0.70	4.0	110	73	10	176	0.30 / 0.25	79	3	#187	UM220SC-B 18
0.11	0.49	1.0	125	37	10	176	0.30 / 0.25	79	1HT	-	UMPH140BWPT
0.13	0.43	2.0	115	82	10	176	0.25 / 0.25	72	1LL	#15	UMS130SC-B

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

NEO = neoprene

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

SBR = styrene butadiene rubber

SS = slab only

TPA = thermoplastic alloy

TPU = polyurethane, thermoplastic

Flame retardant

ISO = Classified according to DIN 22103 and ISO 340
MSHA = ASTM D-378

Joining

T = Thermofix
F = Flexproof
L = Laced
Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

S = Super Adhesive
A = Adhesive
M = Medium Adhesive
N = Non-Adhesive

*tensile force at 1.5% elongation

**tensile force at 2% elongation

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Low noise, back side	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Flame retardant	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resist.	Joining
Rubber																			
R2-160RTXB-GP	2	•	•	-	-	-	-	•	-	PET	A	SBR	rougtop	black	RFL	impreg.	orange	#	L
R3URT-OE	3	•	•	-	-	-	-	-	-	PET	A	NBR	rougtop	orange	NBR	impreg.	orange	5	L
RGLIDE-T	4	•	•	-	-	-	-	-	-	PET	A	neoprene	smooth	tan	SBR	impreg.	tan	#	L,T
R3GUMRTT	3	•	•	-	-	-	-	-	-	PET	A	NR	rougtop	tan	RFL	impreg.	tan	#	L,T
RPH2-90BXB-FR	2	•	•	-	•	-	-	-	MSHA	PET	N	RFL	impregnated	black	RFL	impreg.	black	#	L
RPH2-90TXB-FR	2	•	-	-	•	-	-	-	MSHA	PET	A	neoprene	fine textile	black	RFL	impreg.	black	#	L
RPH2-160TXB-FR	2	•	•	-	•	-	•	•	MSHA	PET	A	neoprene	fine textile	black	RFL	impreg.	brown	#	L
RPH2-160RTXB-FR	2	•	•	-	•	-	•	•	MSHA	PET	S	neoprene	rougtop	black	RFL	impreg.	brown	#	L
RPH3-135BXB-FR	3	•	•	-	•	-	-	-	MSHA	PET	N	RFL	impregnated	black	RFL	impreg.	black	#	L
RPH3-200BXB-FR	3	•	•	-	•	-	-	-	MSHA	PET	N	RFL	impregnated	black	RFL	impreg.	black	#	L
RPH3-265BXB-FR	3	•	•	-	•	-	-	-	MSHA	PET	N	RFL	impregnated	black	RFL	impreg.	black	#	L
RPH3-265TXB-FR	3	•	•	•	•	-	-	-	MSHA	PET	A	neoprene	fine textile	black	RFL	impreg.	black	#	L

Live Roller Belts

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Low noise, back side	Permanently antistatic	Tension member, material	Conveying (top) side, material	Conveying (top) side, surface	Conveying (top) side, color	Back (pulley) side, material	Back (pulley) side, surface	Back (pulley) side, color	Class of chem. resist.	Joining	Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]
TC Series Belts																
TC-20EF	1	-	-	-	•	PET	NBR	fine	light green	NBR	rough	black	2	F	0.08	0.45
TC-35ER	1	-	-	-	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.10	0.53
TC-35/35ER	1	-	-	-	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.14	0.76
TC-55ER^^	1	-	-	-	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.12	0.66
TC-55ERA^^	1	-	-	-	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.12	0.66
TF Series Aramide Tangential Belts																
TF-10	1	-	-	-	•	AR	NBR	fine textile	green	NBR	fine textile	black	2	F	0.07	0.36
TF-15	1	-	-	-	•	AR	NBR	fine	green	NBR	rough	black	2	F	0.08	0.43
TF-22	1	-	-	-	•	AR	NBR	rough	green	NBR	rough	black	2	F	0.09	0.55
TF-33	1	-	-	-	•	AR	NBR	rough	green	NBR	rough	black	2	F	0.12	0.66
TF-50	1	-	-	-	•	AR	NBR	rough	green	NBR	rough	black	2	F	0.15	0.84
TF-75T	1	-	-	-	•	AR	PET	fabric	white	NBR	rough	black	2	F	0.17	0.92

^^ TC-55ER is a run-out product and will be replaced by TC-55ERA

Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.] *1.5% **2%	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.23	1.10	2.0	-	150	-40	250	- / 0.40	72	2	#15	R2-160RTXB-GP
0.25	1.13	2.0	-	135	0	250	- / 0.40	72	2	#15	R3URT-OE
0.13	0.78	2.0	-	48	0	200	- / 0.30	72	36SP	#1	RGLIDE-T
0.28	1.23	2.5	-	150	-40	250	- / 0.30	-	3	#15	R3GUMRT-T
0.11	0.49	2.0	49	73	-20	180	0.15 / 0.15	78	1	#7	RPH2-90BXB-FR
0.11	0.80	2.0	49	31	-20	180	0.15 / 0.20	72	1	#7	RPH2-90TXB-FR
0.15	0.82	4.0	66	110	-20	180	0.15 / 0.15	72	2HT	#15	RPH2-160TXB-FR
0.15	0.82	4.0	66	55	-20	180	0.15 / 0.15	72	4	#27	RPH2-160RTXB-FR
0.16	0.85	3.5	64	46	-20	180	0.15 / 0.15	78	3HT	#15	RPH3-135BXB-FR
0.17	0.96	3.5	168	128	-20	180	0.15 / 0.15	60	3HT	#15	RPH3-200BXB-FR
0.20	1.10	8.0	69	128	-20	180	0.15 / 0.15	60	5	#20	RPH3-265BXB-FR
0.22	1.29	8.0	69	73	-20	180	0.15 / 0.15	60	4	#25	RPH3-265TXB-FR

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

AR = aramide

impreg. = impregnated

NEO = neoprene

NBR = acrylo-nitrile-butadiene rubber

NR = natural rubber

PET = polyester

PVC = polyvinylchloride

RFL = resorcinol formaldehyde latex

SBR = styrene butadiene rubber

Flame retardant

MSHA = ASTM D-378

Joining

F = Flexproof

L = Laced

T = Thermofix

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

S = Super Adhesive

A = Adhesive

N = Non-Adhesive

*tensile force at 1.5% elongation

**tensile force at 2% elongation

Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.] *nominal force	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
1.0	57	120 *	-4	158	0.40 / -	43	-	-	TC-20EF
2.0	103	217 *	-4	158	0.40 / -	43	-	-	TC-35ER
2.8	103	217 *	-4	158	0.40 / -	43	-	-	TC-35/35ER
2.8	143	303 *	-4	158	0.40 / -	43	-	-	TC-55ER^^
2.8	143	303 *	-4	158	0.40 / -	43	-	-	TC-55ERA^^
1.0	57	57 *	-4	149	0.40 / -	47	-	-	TF-10
1.2	86	86 *	-4	149	0.40 / -	47	-	-	TF-15
2.4	126	126 *	-4	149	0.40 / -	43	-	-	TF-22
3.9	188	188 *	-4	149	0.40 / -	43	-	-	TF-33
4.9	286	286 *	-4	149	0.40 / -	43	-	-	TF-50
8.0	400	400	-4	149	- / -	43	-	-	TF-75T

(for specific food approval such as FDA/USDA/EU, please refer to the individual Product Data Sheets available online at www.habasitamercia.com)

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Tension member, material		Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resist.	Joining	Thickness [in.]
General Food Belts																			
F-2EQWT	1	•	-	-	•	-	-	PET	M	TPU	smooth	white	TPU	impreg.	white	6	F,L	0.03	
F-3EQWT 09 (XVT-2381)	1	•	•	-	•	-	-	PET	M	TPU	smooth	white	TPU	impreg.	white	6	F,L	0.04	
F-5EIWT	2	•	•	•	•	-	-	PET	N	PET	impreg.	white	PET	impreg.	white	6	F,L	0.04	
F-5EQWT	2	•	•	-	•	-	-	PET	M	TPU	smooth	white	TPU	impreg.	white	6	F,L	0.05	
F-5EXCT	2	•	•	•	•	-	-	PET	M	TPU	smooth	cobalt blue	PET	impreg.	white	6	F,L,T	0.06	
F-5EXWT	2	•	•	•	•	-	-	PET	M	TPU	smooth	white	PET	impreg.	white	6	F,L,T	0.05	
F-8EQWT	2	•	•	-	•	-	-	PET	M	TPU	smooth	white	TPU	impreg.	white	6	F,L,T	0.06	
F-8EXWT	2	•	•	•	•	-	-	PET	M	TPU	smooth	white	TPU	impreg.	white	6	F,L,T	0.06	
FAB-12E	2	•	•	•	-	-	-	PET	A	TPU	smooth	white	TPU	impreg.	light grey	6	F,L,T	0.09	
FAB-2E	1	•	-	•	-	-	-	PET	A	TPU	smooth	white	PET	impreg.	light grey	6	F,L	0.03	
FAB-5EB	2	•	•	•	-	•	•	PET	M	TPU	smooth	white	TPU	impreg.	light grey	6	F,L,T	0.06	
FAB-5EIWH	2	•	•	•	-	-	-	PET	A	TPU	smooth	white	TPU	impreg.	grey	6	F,L,T	0.05	
FAF-12E	2	•	•	•	-	-	-	PET	A	TPU	herringbone	white	TPU	impreg.	light grey	6	F,L	0.18	
FAQ-5E	2	•	•	•	-	-	-	PET	A	TPU	quadrille	white	PET	impreg.	light grey	6	F,L,T	0.06	
FAW-5E	2	•	•	•	-	-	-	PET	A	TPU	waffle	white	TPU	impreg.	light grey	6	F,L,T	0.06	
FAW-7EIC	2	•	•	•	•	-	-	PET	A	TPU	waffle	cobalt blue	TPU	impreg.	light blue	6	F,L	0.06	
FMB-5EQ	2	•	•	-	•	•	•	PET	M	TPU	smooth	white	TPU	impreg.	white	6	F,L,T	0.06	
FMD-2EIH	1	•	-	•	-	-	-	PET	M	TPU	harlequin	amber	TPU	impreg.	amber	6	F,L	0.03	
FMT-02TXC	0	•	•	-	•	•	-	TPU	N	TPU	fine textile	cobalt blue	TPU	fine textile	cobalt blue	6	F,Q	0.05	
FNB-5EIC 16	2	•	•	•	•	-	-	PET	N	TPU	smooth	blue	PET	impreg.	bluish	6	F,L,T	0.05	
FNB-5EQ	2	•	•	-	•	-	-	PET	N	TPU	smooth	white	TPU	impreg.	white	6	F,L,T	0.05	
FNB-12EVCQ-W1	2	•	•	-	•	-	-	PET	N	TPU	smooth	cobalt blue	TPU	quadrille	cobalt blue	6	F,L,T	0.09	
FNI-2E	1	•	-	-	•	•	•	PET	N	TPU	impregnated	transparent	TPU	impreg.	transparent	6	F,L	0.01	
FNI-5E	2	•	•	•	•	-	-	PET	N	TPU	impregnated	white	TPU	impreg.	white	6	F,L,T	0.04	
FNI-5EI 09	2	•	•	-	•	-	-	PET	N	TPU	impregnated	white	TPU	impreg.	white	6	F,L,T	0.06	
FNI-6EIC	2	•	•	•	•	-	-	PET	N	TPU	impregnated	blue	TPU	impreg.	blue	6	F,L	0.04	
FNI-12E	2	•	•	•	-	-	-	PET	N	TPU	impregnated	off-white	TPU	impreg.	off-white	6	F,L,T	0.06	
ST100/U GLOSS (PT Only)	1	•	•	-	•	•	•	PET	A	TPU	glossy	white	TPU	impreg.	white	6	F,L	0.03	
T04 A	1	•	•	-	•	•	-	PET	M	TPU	glossy	amber	TPU	impreg.	white	6	F,L	0.03	
T04/RH BRN	1	•	•	•	•	•	-	PET	N	TPU	diag. rhomboid	brown	TPU	impreg.	white	6	F,L	0.04	
T05/JC	1	•	•	-	•	•	-	PET	N	TPU	impregnated	green	TPU	impreg.	green	6	F,L	0.02	
FAZ-4EQWZ	1	•	•	-	•	-	-	PET	M	TPU	zigzag	white	PET	impreg.	white	6	F	0.03	
T11/U MATT BLUE	1	•	•	-	•	-	-	PET	A	TPU	matt	blue	PET	impreg.	white	6	F	0.03	
T15/PX (FMB-2EQ)	1	•	•	-	•	•	•	PET	M	TPU	glossy	white	TPU	impreg.	white	6	F	0.05	
T/NPW	2	•	•	-	•	-	-	PET	A	TPU	pimple	white	TPU	impreg.	white	6	F,L	0.09	
TC13/NM	2	•	•	-	•	•	•	PET	N	PET/CO	fabric	white	TPU	impreg.	green	6	F,L	0.05	
TT59 08	2	•	•	-	•	-	-	PET	N	TPU	impregnated	white	TPU	impreg.	green	6	F,L	0.04	
TT122 LIGHT BLUE	2	-	•	•	•	•	-	PET	M	TPU	glossy	light blue	TPU	glossy	light blue	6	F,L	0.06	
TT140/F	2	•	•	-	•	-	-	PET	N	TPU	waffle	white	TPU	impreg.	white	6	F,L	0.06	
TT140/U RIB 08	2	•	•	-	•	-	-	PET	M	TPU	ribbed	white	TPU	impreg.	white	6	F,L	0.07	
TT191/AS	2	•	•	•	•	-	-	PET	N	TPU	smooth	transparent	TPU	impreg.	white	6	F,L	0.07	
TT20/RP	2	•	•	•	•	-	-	PET	N	TPU	basketweave	white	TPU	impreg.	white	6	F,L	0.09	
TT23/GP BLUE	2	•	•	-	•	-	-	PET	A	TPU	basketweave	light blue	TPU	fabric	white	6	F,L	0.09	
TT247	1	-	•	-	•	-	-	PET	M	TPU	fine textile	white	TPU	fine textile	white	6	F,L	0.12	
XVT-2303	2	•	•	•	•	•	-	PET	N	TPU	smooth	transparent	TPU	impreg.	white	6	F,L,T	0.06	
XVT-2304	2	•	•	•	•	-	-	PET	N	TPU	smooth	white	TPU	impreg.	white	6	F,L,T	0.06	

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Nosebar Radius, minimum [in.]	Tensile force for 1% elongation per unit of width k 1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.15	0.6	0.08	27	31	-22	176	0.15 / 0.15	157	36SLXSP	#00	F-2EQWT 05
0.21	0.6	0.08	29	40	-4	158	0.10 / 0.20	157	36SLXSP	#00	F-3EQWT 09 (XVT-2381)
0.21	0.6	0.08	49	80	14	158	0.15 / 0.15	157	36XSP	-	F-5EIWT
0.27	0.6	0.08	54	57	-22	176	0.15 / 0.15	157	36SLXSP	#00	F-5EQWT 05
0.31	0.6	0.16	51	63	-4	176	0.15 / 0.15	157	36SLSP	#1	F-5EXCT
0.27	0.6	0.08	49	54	-22	176	0.15 / 0.15	157	36SLSP	#1	F-5EXWT 05
0.35	0.8	0.16	51	63	-22	176	0.15 / 0.15	157	36SLXSP	#00	F-8EQWT 05
0.35	0.8	0.16	51	74	-22	176	0.15 / 0.15	157	36SLXSP	#00	F-8EXWT 05
0.55	2.0	-	97	108	-22	176	0.15 / 0.15	157	1-A HT	#7	FAB-12E
0.14	0.6	0.16	18	31	-22	176	0.15 / 0.15	157	36SLXSP	#00	FAB-2E
0.35	0.6	0.16	34	63	-22	176	0.15 / 0.20	157	36SLXSP	#00	FAB-5EB
0.31	0.6	0.16	34	63	-22	230	0.15 / 0.15	157	36SLXSP	#00,1S	FAB-5EIWH
0.74	2.0	-	97	126	-22	176	0.15 / 0.15	47	1-D	#1	FAF-12E
0.29	0.6	0.16	37	63	-22	176	0.15 / 0.15	94	36SP	#1	FAQ-5E
0.36	0.6	0.16	34	63	-22	176	0.15 / 0.15	157	36SP	#1	FAW-5E
0.35	0.8	0.16	49	91	-22	194	0.10 / 0.20	79	36SP	#1	FAW-7EIC
0.35	0.6	0.16	31	20	-22	176	0.15 / 0.15	87	36XSP	#00	FMB-5EQ
0.12	0.6	0.79	18	34	5	176	0.15 / 0.15	94	-	-	FMD-2EIH
0.25	0.6	-	21	17	-22	140	0.35 / 0.35	55	-	-	FMT-02XC
0.33	0.6	0.16	37	69	5	176	0.10 / 0.15	157	36XSP	#00	FNB-5EIC 16
0.31	0.6	0.16	37	63	5	176	0.15 / 0.15	157	36XSP	#00	FNB-5EQ
0.49	1.0	-	57	97	-4	176	0.35 / 0.35	94	36LXSP	#00	FNB-12EVCQ-W1
0.05	0.6	0.08	24	23	-22	176	0.15 / 0.15	94	36SLXSP	#00	FNI-2E
0.18	0.6	0.16	37	51	-22	176	0.15 / 0.15	157	36XSP	#00	FNI-5E
0.27	0.6	0.16	31	69	-22	176	0.15 / 0.10	87	36XSP	#00	FNI-5EI 09
0.21	0.8	0.16	43	80	-22	176	0.10 / 0.15	79	36SLXSP	#00	FNI-6EIC
0.34	2.0	-	103	91	-22	176	0.15 / 0.15	157	36XSP	#00	FNI-12E
0.16	0.6	0.12	11	-	-22	176	0.15 / 0.15	87	36SLXSP	#00	ST100/U GLOSS (PT-Only)
0.14	0.6	0.08	29	37	-4	176	0.10 / 0.15	79	36SLXSP	#00	T04 A
0.16	0.6	0.08	29	51	-4	176	0.10 / 0.15	79	36SLXSP	#00	T04/RH BRN
0.05	0.6	0.08	16	29	-4	176	0.15 / 0.20	59	36SLXSP	#00	T05/JC
0.14	0.6	0.08	26	37	-22	176	0.15 / -	79	36SLXSP	#00	FAZ-4EQWZ
0.18	0.6	0.16	34	31	-4	176	0.15 / 0.15	79	36SLXSP	#00	T11/U MATT BLUE
0.25	0.6	0.16	15	29	-22	212	0.15 / 0.20	63	36SLXSP	#00	T15/PX (FMB-2EQ)
0.35	1.0	-	29	114	-4	140	0.15 / 0.15	38	36SLXSP	#00	T/NPW
0.23	0.6	0.16	34	63	-4	194	0.10 / 0.20	85	36SLXSP	#00	TC13/NM
0.21	0.8	0.16	43	80	-4	176	0.10 / 0.15	79	36SLXSP	#00	TT59 08
0.35	0.8	-	40	80	-4	212	0.40 / 0.40	79	36XSP	#00	TT122 LIGHT BLUE
0.29	1.0	0.32	37	69	-4	212	0.10 / 0.15	79	36SLXSP	#00	TT140/F
0.39	1.0	0.32	17	40	-22	176	0.15 / 0.15	79	36SP	#1	TT140/U RIB 08
0.41	1.6	-	23	69	-4	212	0.15 / 0.15	79	36SLSP	#1	TT191/AS
0.39	1.6	0.39	23	69	-4	212	0.15 / 0.15	79	36SLSP	#1	TT20/RP
0.43	0.8	-	46	74	-22	140	0.15 / 0.35	59	36SLSP	#1	TT23/GP BLUE
0.74	1.2	-	23	57	-22	140	0.35 / 0.50	59	UX1SP	#7	TT247
0.35	0.8	0.16	54	74	-22	176	0.15 / 0.15	157	36SLXSP	#00	XVT-2303
0.35	0.8	0.16	51	80	-22	176	0.15 / 0.15	157	36SLXSP	#00	XVT-2304

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

PET/CO = polyester/cotton

PET = polyester

TPU = polyurethane, thermoplastic

Joining

- B = Butt Joint
- F = Flexproof
- L = Laced
- T = Thermofix
- Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

(for specific food approval such as FDA/USDA/EU, please refer to the individual Product Data Sheets available online at www.habasita.com)

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resist.	Joining	Thickness [in.]
Fabric Cover Series																		
FNT-5P (XVT-1708)	2	•	•	-	•	-	-	PA	N	PA	fabric	light grey	PA	fabric	light grey	3	L,T	0.04
FNR-5RFWR	2	•	•	-	•	-	-	PET/CO	N	PET/CO	fabric	white	PET/CO	fabric	white	3	F,L	0.10
FNT-8EFWE	2	•	•	•	•	-	-	PET	N	PET	fabric	white	PET	fabric	white	3	F,L	0.06
Silicone Series																		
FAB-5ER 10	2	•	•	-	•	-	-	PET	S	silicone	smooth	white	TPU	impreg.	white	6	F,L	0.04
FAB-5ERCS	2	•	•	-	•	-	-	PET	S	silicone	smooth	cobalt blue	TPU	impreg.	white	6	F,L	0.04
FNI-5ER 10	2	•	•	-	•	-	-	PET	N	silicone	impreg.	white	TPU	impreg.	white	6	F,L	0.04
VWT-140	2	•	•	•	•	-	-	aramide	S	silicone	smooth	white	aramide	fabric	beige	5	F,L,T	0.07
Cleanline™																		
CNB-6EB-A1	2	•	•	•	•	•	•	PET	N	Habilene®	smooth	white	TPU	impreg.	white	10	F,L	0.04
CNB-6EBC-A1	2	•	•	•	•	•	•	PET	N	Habilene®	smooth	blue	TPU	impreg.	white	10	F,L	0.04
CNB-7EZCO-A1	2	•	•	•	•	-	-	PET	N	TPO	smooth	cobalt blue	TPU	impreg.	white	10	F,L	0.06
CNB-7EZW0-A1	2	•	•	•	•	-	-	PET	N	TPO	smooth	white	TPU	impreg.	white	10	F,L	0.06
CNS-9ERC-A1	1	•	•	•	•	-	-	PET	N	Habilene®	sawtooth	white	TPU	impreg.	white	10	F,L	0.09
Premium TPU																		
FAB-5EZCH-P1	2	•	•	•	•	-	•	PET	A	TPU	glossy	cobalt blue	TPU	impreg.	white	6	F,L	0.05
FAB-5EZWH-P1	2	•	•	•	•	-	•	PET	A	TPU	glossy	white	TPU	impreg.	white	6	F,L	0.05
FMW-5EZCH-P1	2	•	•	•	•	-	•	PET	M	TPU	waffle	cobalt blue	TPU	impreg.	white	6	F,L	0.07
FMW-5EZWH-P1	2	•	•	•	•	-	•	PET	M	TPU	waffle	white	TPU	impreg.	white	6	F,L	0.07
FNB-5EZCH-P1	2	•	•	•	•	-	•	PET	M	TPU	matt	cobalt blue	TPU	impreg.	white	6	F,L	0.05
FNB-5EZWH-P1	2	•	•	•	•	-	•	PET	M	TPU	matt	white	TPU	impreg.	white	6	F,L	0.05
FNI-5EIWH-P1	2	•	•	•	•	-	-	PET	N	TPU	impreg.	whiat	TPU	impreg.	white	6	F,L	0.04
HabaGUARD®																		
FAB-2E+H15	1	•	-	•	•	-	-	PET	A	TPU	smooth	white	TPU	impreg.	light blue	6	F,L	0.03
FAB-5E+H15	2	•	•	•	•	-	-	PET	A	TPU	smooth	white	TPU	impreg.	light blue	6	F,L	0.05
FAB-8E+H15	2	•	•	•	•	-	-	PET	A	TPU	smooth	white	TPU	impreg.	light blue	6	F,L	0.06
FNB-5E+H15	2	•	•	•	•	-	-	PET	N	TPU	smooth	white	TPU	impreg.	light blue	6	F,L	0.05
FNB-6EWWQ+H15 (XVT-2297)	2	•	•	•	•	-	-	PET	N	TPU	smooth	white	TPU	quad.	white	6	F,L	0.06
FNB-8E+H15	2	•	•	•	•	-	-	PET	N	TPU	smooth	white	TPU	impreg.	light blue	6	F,L	0.06
FNB-12EVCQ+H15	2	•	•	-	•	-	-	PET	N	TPU	smooth	cobalt blue	TPU	quad.	cobalt blue	6	F,L	0.07
PM135RCOS-BEH15 (SS)	-	•	•	-	•	•	•	PET	M	RMP	smooth	cobalt blue	TPU	buffed	blue	7	F,L	0.13
PM135RCOS-WH15	-	•	•	-	•	•	•	PET	M	RMP	smooth	white	PET	buffed	white	7	F,L	0.14
Non-Fray																		
T131/U MATT	1	•	•	-	•	-	-	PET	M	TPU	matt	white	TPU	fine txt.	white	6	F,L	0.06
TT173/U	2	•	•	-	•	•	-	PET	M	TPU	smooth	white	TPU	impreg.	white	6	F,L	0.09
Frayless (low fray)																		
TT12	2	•	•	-	•	-	-	PET	M	TPU	glossy	white	TPU	impreg.	white	6	F,L	0.05
TT12 MATT BL	2	•	•	-	•	-	-	PET	N	TPU	matt	cobalt blue	TPU	impreg.	white	6	F,L	0.05
TT12/AS MATT W	2	•	•	•	•	-	-	PET	N	TPU	matt	white	TPU	impreg.	white	6	F,L	0.05
TT12/AS MATT G	2	•	•	•	•	-	-	PET	N	TPU	matt	dark green	TPU	impreg.	white	6	F,L	0.05
TT12/HR MATT	2	•	•	-	•	-	-	PET	N	TPU	matt	white	TPU	impreg.	white	6	F,L	0.06
PVC																		
FAB-8EOWV	2	•	•	•	•	-	-	PET	M	PVC	matt	white	TPU	impreg.	white	7	F,L	0.08
FAB-10EVCW	2	-	•	-	•	-	-	PET	M	PVC	matt	cobalt blue	PVC	waffle	cobalt blue	7	F	0.12
FAB-12EOWV	2	•	•	•	•	-	-	PET	M	PVC	matt	white	TPU	impreg.	white	7	F,L	0.10
FAW-8EOWV	2	•	•	•	•	-	-	PET	M	PVC	waffle	white	TPU	impreg.	white	7	F,L	0.08
NAB-5EEVV 11	1	•	•	•	•	-	-	PET	M	PVC	matt	white	PET	fabric	white	7	F,L	0.04
NAB-8EECV 11	2	•	•	•	•	-	-	PET	M	PVC	matt	cobalt blue	PET	fabric	white	7	F,L	0.08
NAB-8EEVV 11	2	•	•	-	•	-	-	PET	M	PVC	matt	white	PET	fabric	white	7	F,L	0.08
NAB-10EVCV 11 (SS)	2	•	•	-	•	-	-	PET	M	PVC	matt	cobalt blue	PET	waffle	cobalt blue	7	F,L	0.12
NSL-8EFVW	2	•	•	•	•	-	-	PET	S	PVC	long. Grooved	white	PET	fabric	white	7	F,L	0.10

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Nosebar Radius, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.18	0.8	-	19	51	-4	212	0.15 / 0.15	94	36XSP	#00	FNT-5P
0.47	1.0	-	34	46	14	194	0.15 / 0.15	118	36LLSP	#00	FNR-5RFWR
0.37	0.8	-	57	54	14	194	0.15 / 0.15	118	36XSP	#00	FNI-8EFWE
0.23	0.6	0.16	37	63	-22	176	0.10 / 0.15	79	36XSP	#00	FAB-5ER 10
0.23	0.6	0.16	37	63	-22	176	0.10 / 0.15	79	36XSP	#00	FAB-5ERCS
0.21	0.6	0.16	34	57	-22	212	0.15 / 0.15	79	36SLXSP	#00	FNI-5ER 10
0.37	1.2	0.16	15	31	-22	356	0.15 / 0.20	59	36SLSP	#1	WVT-140
0.21	0.6	0.08	23	40	-40	176	0.15 / 0.20	94	36SLXSP	#00	CNB-6EB-A1
0.21	0.6	0.08	24	46	-40	176	0.15 / 0.15	94	36SLXSP	#00	CNB-6EBC
0.27	0.8	0.16	40	63	-22	176	0.15 / 0.20	79	36XSP	#00	CNB-7EZCO-A1
0.25	0.6	0.16	37	63	-40	176	0.10 / 0.20	79	36XSP	#00	CNB-7EZW0-A1
0.33	2.0	-	51	54	-22	176	0.15 / 0.20	51	36LSP	#1	CNS-9ERC-A1
0.27	0.6	0.16	40	74	-22	230	0.15 / 0.15	94	36LXSP	#00	FAB-5EZCH-P1
0.27	0.6	0.16	43	69	-22	230	0.15 / 0.15	94	36LXSP	#00	FAB-5EZWH-P1
0.37	0.6	0.16	43	80	-22	230	0.15 / 0.20	94	36LSP	#1	FMW-5EZCH-P1
0.35	0.6	0.16	40	74	-22	230	0.15 / 0.20	94	36LSP	#1	FMW-5EZWH-P1
0.27	0.6	0.16	43	74	-40	230	0.15 / 0.20	94	36LXSP	#00	FNB-5EZCH-P1
0.29	0.6	0.16	43	63	-40	230	0.15 / 0.20	94	36LXSP	#00	FNB-5EZWH-P1
0.17	0.6	0.16	37	57	-40	230	0.15 / 0.20	94	36XSP	#00	FNI-5E1WH-P1
0.14	0.6	0.16	21	31	-22	176	0.15 / 0.15	94	36SLXSP	#00	FAB-2E+H15
0.29	0.6	0.16	37	63	-22	176	0.15 / 0.15	94	36SLXSP	#00	FAB-5E+H15
0.37	0.8	-	49	80	-22	176	0.15 / 0.15	94	36SLSP	#1	FAB-8E+H15
0.29	0.6	0.16	40	69	5	176	0.15 / 0.15	94	36XSP	#00	FNB-5E+H15
0.37	1.2	-	46	80	5	176	0.30 / 0.35	94	36SLXSP	#00	FNB-6E1WQ+H15 (X2297)
0.37	0.8	-	46	80	5	176	0.15 / 0.15	94	36SP	#00	FNB-8E+H15
0.45	0.8	-	57	97	-4	176	0.35 / 0.35	94	36SLSP	#1	FNB-12EVCQ+H15
0.88	2.0	-	137	110	10	180	0.35 / 0.20	60	#2	#15	PM135RCOS-BEH15 (SS)
0.89	2.0	-	137	110	10	180	0.20 / 0.20	60	#2	#15	PM135RCOS-WH15
0.35	0.6	-	27	23	-22	176	0.35 / 0.35	79	36SLXSP	#00	T131/U MATT
0.53	0.6	0.16	46	46	-22	212	0.40 / 0.50	79	36SLSP	#1	TT173/U
0.29	0.6	0.16	34	57	-4	212	0.10 / 0.15	79	36SLXSP	#00	TT12
0.29	0.6	0.16	51	91	-4	212	0.10 / 0.15	79	36SLXSP	#00	TT12 MATT BL
0.29	0.6	-	43	74	-4	212	0.10 / 0.15	79	36SLXSP	#00	TT12/AS MATT W
0.29	0.6	-	49	80	-4	212	0.10 / 0.15	79	36SLXSP	#00	TT12/AS MATT G
0.33	0.8	0.39	49	80	-4	212	- / -	63	36SLSP	#1	TT12/HR MATT
0.47	1.0	-	57	86	14	176	0.15 / 0.15	118	36SLSP	#10	FAB-8EOWV
0.70	2.4	-	57	57	14	176	0.35 / 0.40	118	-	#1	FAB-10EVCW
0.64	2.4	-	69	74	14	176	0.15 / 0.15	118	1-A HT	#7	FAB-12EOWV
0.47	1.0	-	57	80	14	158	0.15 / 0.15	118	36SLSP	#1	FAW-8EOWV
0.25	0.8	-	40	40	14	158	0.15 / 0.15	118	36XSP	#00	NAB-5EEWV 11
0.47	1.0	-	63	108	14	158	0.15 / 0.15	118	36LLSP	#1	NAB-8EECV 11
0.47	1.0	-	63	108	14	158	0.15 / 0.15	118	36LLSP	#1	NAB-8EEWV 11
0.68	2.4	-	69	54	32	158	0.35 / -	118	-	#1	NAB-10EVCV 11 (SS)
0.47	0.8	-	57	80	14	158	0.15 / 0.15	118	36LLSP	#1	NSL-8EFWV

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

AR = aramide
 impreg. = impregnated
 PET/CO = polyester / cotton blend

PA = polyamide

PET = polyester

TPU = polyurethane, thermoplastic

Joining

- T = Thermofix
- F = Flexproof
- L = Laced
- SJ = Step joint

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

- S = Super Adhesive
- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

(for specific food approval such as FDA/USDA/EU, please refer to the individual Product Data Sheets available online at www.habasita.com)

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resist.	Joining	Thickness [in.]
	Nonwoven																	
CM100FBS 16	1	•	•	-	•	◇	-	PET	N	cotton	fleece	off white	cotton	fleece	off white	6	F,L,S	0.07
PM100-W	1	•	•	-	•	•	•	PET	N	NBR	impregnated	white	PET	impreg.	white	5	F,L,T	0.10
PM100RCOS-W	1	•	•	-	•	•	-	PET	A	RM TPE	smooth	white	RM TPE	impreg.	white	7	F,L	0.11
PM405FBS-BR	1	•	•	-	•	-	-	PET	N	SBR	impreg.	brown	SBR	impreg.	brown	-	F,H,F,L	0.11
PMRT-W	1	•	•	-	•	•	•	PET	A	PVC	tyler wire	white	PET	fabric	white	3	F,H,F,L	0.15
PMTEF-BE	1	•	•	-	-	-	-	PET	N	teflon	glossy	lt. blue	PET	fleece	white	5	H,F,L	0.15
PM135RCOS-WH15	1	•	•	-	•	•	-	PET	M	RM TPE	smooth	white	PET	buffed	white	7	F,L	0.13
PM135RCOS-BEH15	1	•	•	-	•	•	-	PET	N	RM TPE	smooth	cobalt blue	TPU	buffed	blue	7	F,L	0.13
Rubber / Other																		
R2TW-W	2	•	•	-	•	◇	-	PET	A	NBR	tyler wire	white	NBR	skim coat	white	#	L,T	0.11
R3BUT-W	3	•	•	-	•	◇	-	PET	A	butyl	fabric	white	butyl	impreg.	white	#	L,T	0.10
SWP																		
SWP/2HS	2	•	•	-	•	•	-	PET	N	PET	fabric	white	PET	fabric	white	6	L,S	0.10
SWP/4	4	-	-	-	-	-	-	PET	N	PET	fabric	white	PET	fabric	white	6	L,S	0.21
SWP/4HS	4	•	-	-	-	-	-	PET	N	PET	fabric	white	PET	fabric	white	6	L,S	0.20
SWP/5	5	-	-	-	-	-	-	PET	N	PET	fabric	white	PET	fabric	white	6	L,S	0.22
SWP/6	6	-	-	-	-	-	-	PET	N	PET	fabric	white	PET	fabric	white	6	L,S	0.26
Polypropylene																		
TT124/AS/PP	2	•	•	•	•	-	-	PET	N	PP	smooth	white	PET	fabric	white	9	F,L	0.06
High Duty																		
HNB-5E 14	2	•	•	•	-	-	-	PET	N	TPU	smooth	green	TPU	impreg.	grey	6	F,L,T	0.05
HNB-8E 14	2	•	•	•	-	-	-	PET	N	TPU	smooth	green	TPU	impreg.	grey	6	F,L,T	0.06
HNB-12EO	2	•	•	•	-	-	-	PET	N	TPU	smooth	green	TPU	impreg.	grey	6	F,L,T	0.10
Extraline																		
EMB-12EMCH-NFL	2	•	•	•	•	-	-	PET	M	TPU	matt	cobalt blue	TPU	impreg.	white	6	F,L,T	0.07
Gooseneck																		
WVT-191	2	•	•	•	•	-	-	PET	M	TPU	smooth	white	PET	impreg.	white	6	F,L	0.07
TT12/U	2	•	•	-	•	-	-	PET	A	TPU	glossy	white	TPU	impreg.	white	6	F,L	0.05
Allveyor®																		
A120COS-W (SS)	1	•	•	-	•	◇	-	PET	A	PVC	smooth	white	PVC	impreg.	white	3	F,L	0.14
A120COS/LS-W (SS)	1	•	•	-	-	◇	-	PET	A	PVC	smooth	white	PVC	skim coat	white	3	F,L	0.13
A150COS-W (SS)	1	•	•	-	•	•	-	PET	A	PVC	smooth	white	PVC	impreg.	white	3	F,L	0.15
A150COS/LS-W (SS)	1	•	•	-	•	•	-	PET	A	PVC	smooth	white	PVC	skim coat	white	3	F,L	0.16
A200COS-W	1	•	•	-	-	-	-	PET	A	PVC	smooth	white	PVC	impreg.	white	3	F,L	0.22

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Nosebar Radius, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.28	2.0	0.6	110	64	32	210	0.30 / 0.20	72	36SLSP	#1	CM100FBS 16
0.36	1.0	-	115	41	14	176	0.20 / 0.25	79	36	#7	PM100-W
0.66	1.6	-	125	73	10	176	0.20 / 0.25	60	1	#7	PM100RCOS-W
0.59	2.5	-	120	37	10	175	0.25 / 0.25	60	1	#7	PM405FBS-BR
0.84	2.0	-	130	18	10	160	0.15 / 0.20	72	1	#15	PMRT-W
0.72	6.0	-	110	32	50	176	0.25 / 0.25	34	1	#7	PMTEF-BE
0.88	2.0	-	137	110	10	180	0.15 / 0.20	60	2	#15	PM135RCOS-WH15
0.88	2.0	-	80	135	10	180	0.35 / 0.20	60	#2	#15	PM135RCOS-BEH15
0.71	2.0	-	-	30	20	175	- / -	72	1A	#7	R2TW-W
0.67	2.5	-	-	105	-65	300	- / 0.40	72	36	#1	R3BUT-W
0.37	1.0	-	26	-	32	310	0.15 / 0.15	86	36	#7	SWP/2 Ply Heat Set
0.74	3.0	-	57	91	32	310	0.15 / 0.15	86	3	#25	SWP/4 PLY
0.70	3.0	-	69	92	-60	310	0.15 / 0.20	72	3	#20	SWP/4 Ply Heat Set
0.86	3.5	-	69	73	32	310	0.15 / 0.20	86	4	#27	SWP/5 PLY
1.02	4.5	-	100	82	32	310	0.15 / 0.20	50	5	#27	SWP/6 PLY
0.31	2.4	-	57	-	32	248	0.15 / 0.15	77	36SLXSP	#00	TT124/AS/PP
0.31	0.6	0.2	40	40	-4	194	0.15 / 0.15	157	36XSP	#00	HNB-5E 14
0.37	0.8	-	43	80	-4	194	0.15 / 0.15	157	36SP	#00	HNB-8E 14
0.57	2.0	-	114	148	5	176	0.15 / 0.15	94	36	#7	HNB-12EO
0.37	0.6	0.3	74	126	-22	158	0.15 / 0.15	157	36LXSP	#00	EMB-12EMCH-NFL
0.43	1.2	-	34	-	-4	185	0.15 / 0.15	59	-	-	WVT-191
0.29	0.6	0.2	31	63	-22	212	0.10 / 0.15	79	36SLXSP	#00	TT12/U
0.84	3.1	-	69	137	-10	180	0.30 / 0.35	72	1	#15	A120COS-W (SS)
0.87	3.1	-	69	51	-10	180	0.40 / 0.40	72	1	#15	A120COS/LS-W (SS)
1.00	4.0	-	-	150	-10	180	- / 0.30	72	2	#20	A150COS-W
1.03	4.0	-	-	150	-10	180	- / 0.35	72	2	#20	A150COS/LS-W
1.30	6.0	-	114	183	-10	180	0.40 / 0.30	60	3	#187	A200COS-W

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

ARMD = aramide

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PET = polyester

PVC = polyvinylchloride

RMP = rubber modified product

SBR = styrene butadiene rubber

TPU = polyurethane, thermoplastic

Joining

- F = Flexproof
- HF = Hidden Finger
- L = Laced
- S = Sewn joint
- T = Thermofix

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

**tensile force at 2% elongation

Product Group and Belt Type	PLY / Fabrics		For slider bed	For carrying roller	Permanently antistatic	Metal detector suitable	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, cover friction	Back side, material	Back side, surface	Back side, color	Class of chem. resist.	Joining
	0	-	•	•	•	-											
Hamid® Series (elastic)																	
MAT-02H	0	-	•	•	•	-	Hamid®	A	NBR	rough	green	A	NBR	rough	black	2	F,L,Q
MAM-04H	0	-	•	•	•	•	Hamid®	A	NBR	fine	green	A	NBR	rough	black	2	F,L,Q
MAM-05HP	0	-	•	•	•	-	Hamid®	A	NBR	fine	green	A	NBR	rough textile	black	2	F,L,Q
MAN-05H	0	-	•	•	•	-	Hamid®	A	PET	fleece	anthracite	A	NBR	rough textile	black	2	F,Q
Polyurethane Series (elastic)																	
MAB-02	0	•	•	•	•	•	TPU	M	TPU	fine textile	green	N	PUR	fine textile	black	2	F,Q
MAB-05	0	•	•	•	•	•	TPU	M	TPU	fine textile	green	N	PUR	fine textile	black	2	F,Q
WVT-125	-	-	•	•	•	•	TPU	M	PUR	coarse	black	M	TPU	coarse	black	2	F,Q
PA Series																	
MAM-5P	1	•	•	•	•	-	PA	A	NBR	fine	green	N	Hamid®	smooth	black	2	F,L,Q
MAT-5P	1	•	•	•	•	-	PA	A	EPDM	rough	green	N	Hamid®	smooth	black	2	F,L,Q
High-Friction both sides																	
MAB-8E	1	•	•	•	•	•	PET	A	TPU	fine	dark green	A	TPU	fine	dark green	6	F,L
MAM-5E	1	•	•	•	•	-	PET	A	NBR	fine	green	A	NBR	fine	black	2	F
High-Friction one side																	
MAM-8P	1	•	•	•	•	-	PA/H	A	NBR	fine	green	N	Hamid®	smooth	black	2	F
MVT-5E	2	•	•	•	•	-	PET	A	NBR	rough textile	green	N	TPU	impregnated	off-white	6	F,L
MVT-6P	2	-	•	•	•	-	PA/TPU	N	PUR	impregnated	black	A	NBR	fine textile	green	2	F,L
Low-Friction both sides																	
ENI-5P	2	•	•	•	•	-	PA	N	PUR	impregnated	black	N	PUR	impregnated	black	2	L,T
MNT-5P	2	•	•	•	•	-	PA/TPU	N	PUR	impregnated	black	N	PUR	impregnated	black	2	F,L
MNT-8P	2	•	•	•	•	-	PA/H	N	PA	fabric	light grey	N	PA	fabric	light grey	2	F,L
PA Series (various)																	
A-1	2	•	•	•	•	-	PA	A	NBR	matt	green	N	PUR	smooth	black	2	L,T
F-0	2	•	•	•	•	-	PA	A	NBR	rough	green	N	NBR	impregnated	green	2	L,T
F-1	2	•	•	•	•	-	PA	A	NBR	rough	green	N	NBR	impregnated	green	2	L,T
HAM-5P	3	•	-	•	•	-	PA	A	NBR	matt	green	N	PUR	impregnated	black	2	L,T
HAT-8P	2	•	•	•	•	-	PA	A	NBR	rough textile	green	N	PUR	impregnated	black	2	L,T
HAT-12P	3	•	•	•	•	-	PA	A	NBR	rough textile	green	N	PUR	impregnated	black	2	L,T
HAT-15E	2	•	•	•	•	-	PET	A	NBR	rough textile	green	N	PET	impregnated	light grey	2	F
HNI-5PE	3	•	-	•	•	-	PA	N	PA	fabric	green	N	PUR	impregnated	black	2	L,T
HNU-8P	2	•	•	•	•	-	PA	N	PA	glossy	green	M	PA	glossy	green	1	L,T
TS-55	1	-	-	•	•	-	PA	N	PA/CO	fabric	yellow	N	NBR	sand	green	2	L,T
PET Series (various)																	
HAT-5E 15	2	•	•	•	•	-	PET	A	NBR	rough textile	green	N	TPU	impregnated	grey	6	F,L,Q
W-8	1	-	-	•	•	-	PET/CO	N	TPU	impregnated	green	N	TPU	smooth	black	6	F,L
WVT-196	2	•	•	•	•	•	PET/CO	N	PET/CO	fabric	beige	N	TPU	impregnated	black	6	F

Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.06	0.29	0.6	5	-	-4	140	0.70 / -	47	36SLXSP	#00	MAT-02H
0.06	0.29	0.6	15	-	-4	140	0.70 / -	47	36SLXSP	#00	MAM-04H
0.06	0.33	0.6	18	-	-4	140	0.70 / -	47	36SLXSP	#00	MAM-05HP
0.07	0.35	0.8	29	-	-4	140	0.70 / -	47	-	-	MAN-05H
0.05	0.27	0.6	8	-	-22	140	0.40 / -	57	-	-	MAB-02
0.06	0.33	0.6	19	-	-22	140	0.40 / -	57	-	-	MAB-05
0.05	0.27	0.6	9	-	-22	194	0.60 / -	57	-	-	WVT-125
0.05	0.27	0.8	26	-	-4	140	0.20 / -	47	36SLXSP	#00	MAM-5P
0.06	0.29	0.8	25	-	-4	140	0.20 / -	47	36SLXSP	#00	MAT-5P
0.05	0.30	1.0	43	-	-4	140	0.70 / -	47	25	#00	MAB-8E
0.06	0.31	1.0	29	-	-4	140	0.50 / -	47	-	-	MAM-5E
0.07	0.41	1.6	37	-	-4	140	0.20 / -	47	-	-	MAM-8P
0.05	0.33	0.8	34	-	-4	140	0.15 / -	47	36SLXSP	#00	MVT-5E
0.06	0.33	1.0	27	-	-4	140	0.20 / -	47	36SLXSP	#00	MVT-6P
0.04	0.23	0.8	49	91	-4	212	0.15 / 0.15	47	36XSP	#00	ENI-5P
0.04	0.22	0.8	29	-	-4	140	0.20 / -	47	36SLXSP	#00	MNT-5P
0.07	0.34	1.0	51	-	-4	140	0.25 / -	47	36SLXSP	#1	MNT-8P
0.05	0.27	1.6	40	-	-4	212	0.30 / -	47	36SLXSP	#00	A-1
0.03	0.14	0.8	26	-	-4	212	0.15 / -	47	36XSP	#00	F-0
0.05	0.26	1.6	40	-	-4	212	0.15 / -	47	36XSP	#00	F-1
0.04	0.20	0.8	21	46	-4	212	0.15 / 0.15	47	36XSP	#00	HAM-5P
0.08	0.43	1.0	26	54	32	212	0.15 / 0.15	94	36SP	#1	HAT-8P
0.12	0.66	1.6	43	91	32	212	0.15 / 0.15	94	1-A HT	#7	HAT-12P
0.11	0.64	1.6	120	160	-22	212	0.15 / 0.20	47	-	-	HAT-15E
0.04	0.15	0.6	19	-	-22	212	0.15 / 0.15	47	36XSP	#00	HNI-5PE
0.04	0.21	2.0	25	57	-4	212	0.15 / 0.15	47	36SLXSP	#00	HNU-8P
0.03	0.16	1.0	14	-	-4	212	- / -	47	36XSP	#00	TS-55
0.06	0.37	1.0	37	69	32	176	0.15 / 0.15	47	36SLXSP	#00	HAT-5E
0.03	0.14	0.6	34	-	-4	140	0.40 / -	47	36SLXSP	#00	W-8
0.06	0.27	0.6	23	-	-4	176	0.20 / -	79	-	-	WVT-196

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

EPDM = ethylene propylene terpolymer

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PA/CO = polyamide / cotton

PA/H = polyamide / Hamid

PA/TPU = polyamide / polyurethane

PET = polyester

PET/CO = polyester / cotton

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

SBR = styrene butadiene rubber

TPA = thermoplastic alloy

TPU = polyurethane, thermoplastic

Joining

- F = Flexproof
- HF = Hidden Finger
- L = Laced
- T = Thermofix
- Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

- S = Super Adhesive
- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

*tensile force at 1.5% elongation

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Permanently antistatic	Metal detector suitable	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, cover friction	Back side, material	Back side, surface	Back side, color	Class of chem. resistance	Joining
Rubber																
RDGRP-R	3	•	•	-	◊	PET	A	SBR	smooth	red	N	SBR	smooth	black	#	L,T
R3URT-OE	3	•	•	-	◊	PET	A	NBR	rough top	orange	N	NBR	impregnated	orange	5	L,T
High Duty																
HAG-12E	2	•	•	•	-	PET	A	NBR	grip	green	N	PUR	impregnated	black	5	L,T
HAR-12E	2	•	•	•	-	PET	A	NBR	rough textile	green	N	PET	fabric	white	5	F,L,T
HAT-18PW	3	•	•	•	-	PA	A	NBR	rough textile	light green	A	PUR	impregnated	black	2	L,T
HAT-18PWPD	3	•	•	•	-	PA	A	NBR	rough textile	apple grn	A	PUR	impregnated	black	2	L,T
HAT-24PWPD	2	•	•	•	-	PA	A	NBR	rough textile	apple grn	N	PUR	impregnated	black	2	L,T
Standard & N-Line																
SAG-8E (07)	2	•	•	•	-	PET	A	PVC	grip	anthracite	N	PET	fabric	off white	3	F,L,T
SAG-12E	2	•	•	•	-	PET	A	EPDM	grip	anthracite	N	PET	fabric	off white	4	L,T
NAB-18EEAV 11	3	•	•	•	•	PET	A	PVC	smooth	anthracite	N	PET	fabric	white	3	F,L
NSB-12EEAV 11	3	•	•	•	•	PET	A	PVC	smooth	anthracite	N	PET	fabric	white	3	F,L
NAS-8EHDV (NVT-182)	2	•	•	•	•	PET	A	PVC	sawtooth	dark green	N	PET	fabric	white	3	F,L
PolyMate																
PMARKLNG-BE	1	•	•	-	-	PET	M	TPA	rough struct	blue	N	TPA	impreg.	black	-	HF,L

Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.24	1.25	3.0	-	150	-20	175	- / -	72	3	#15	RDGRP-R
0.25	1.13	2.0	-	135	0	250	- / 0.40	72	2	#15	R3URT-OE
0.23	0.94	3.2	126	103	32	212	0.15 / 0.15	47	1A-HT	#1	HAG-12E
0.07	0.37	1.6	120	126	-4	212	0.15 / 0.15	94	36SP	#1	HAR-12E
0.15	0.84	2.0	40	91	32	212	0.15 / 0.15	94	2	#15	HAT-18PW
0.15	0.84	2.0	40	91	32	212	0.15 / 0.15	94	2	#15	HAT-18PWPD
0.24	1.39	3.2	80	114	32	212	0.15 / 0.15	94	4	#125	HAT-24PWPD
0.17	0.76	1.6	51	46	14	140	0.15 / 0.15	126	36SP	#25	SAG-8E
0.20	0.86	2.4	97	171	-22	212	0.15 / 0.15	47	36	#15	SAG-12E
0.19	1.15	4.9	86	143	14	158	0.15 / 0.15	118	2HT	#20	NAB-18EEAV 11
0.19	1.15	3.2	80	126	14	176	0.15 / 0.15	118	2	#20	NSB-12EEAV 11
0.35	1.13	2.4	46	63	14	158	0.15 / 0.15	118	2	#15	NAS-8EHDV (NVT-182)
0.30	1.40	2.0	128	-	10	212	0.20 / 0.20	72	5	#27	PMARKLNG-BE

Explanations

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impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

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PA/TPU = polyamide / polyurethane

PET = polyester

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PVC = polyvinylchloride

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Cover Friction

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- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

*tensile force at 1.5% elongation

Product Group and Belt Type	Permanently antistatic	Tension member, material	Top side, material	Top side, surface	Top side, color	Pulley side, material	Pulley side, surface	Pulley side, color	Class of chemical resistance	Joining	Thickness [in.]
Folder-Gluer Belt CT Series											
CT-18/30E	•	PET	NBR	rough textile	gray	NBR	rough	gray	2	F	0.12
CT-18/40E	•	PET	NBR	rough textile	gray	NBR	rough	gray	2	F	0.16
Folder-Gluer Belt CM Series											
XVT-2205 (CM-14/30F)	•	PA	NBR	rough	light green	NBR	rough	yellow	2	F	0.12
XVT-2213 (CM-14/40F)	•	PA	NBR	rough	light green	NBR	rough	yellow	2	F	0.16
XVT-2226 (CM-14/50F)	•	PA	NBR	rough	light green	NBR	rough	yellow	2	F	0.20
TC Series											
CM-18/30F	•	PET	NBR	rough	green	NBR	rough	green	2	F	0.13
TC-35ER	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.10
TC-35/35ER	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.14
S Series											
S-18/30 (S-3)	•	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.12
XVT-2236	-	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.24
XVT-2237	-	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.12
XVT-2238	-	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.16
Corrugator Belt											
HAG-12E	•	PET	NBR	rough	green	PUR	impregnated	black	5	L,T	0.23
HAT-24PWP	•	PA	NBR	rough textile	apple green	PUR	impregnated	black	2	L,T	0.24
NSB-12EEAV 11	•	PET	PVC	smooth	dark grey	PET	fabric	white	3	F,L	0.19
NAS-8EHDV	•	PET	PVC	sawtooth	dark green	PET	fabric	white	3	F,L	0.35
PMAKLNG-BE	-	PET	TPA	rough	blue	fleece	buffed	black	-	F,L	0.30
PMAKLNG-BR	-	PET	TPA	rough	brown	fleece	impregnated	brown	-	F,L	0.28
S-33/50 (S-5)	•	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.20
SAG-12E	•	PET	EPDM	grip	anthracite	PET	fabric	off-white	4	L,T	0.20
R3URT-OE	-	PET	NBR	rougtop	orange	NBR	impregnated	brown	5	L,T	0.25
RDGRP-R	-	PET	SBR	smooth	red	SBR	smooth	black	#	L,T	0.24

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k,1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Belt Type
0.61	1.2	103	-	32	140	-	47	CT-18/30E
0.82	1.6	103	-	32	140	-	47	CT-18/40E
0.66	1.6	40	-	-4	149	0.70	47	XVT-2205
0.88	2.0	40	-	-4	149	0.70	47	XVT-2213
1.17	2.4	40	-	-4	149	0.70	47	XVT-2226
0.66	2.8	86	246	-4	149	0.70	47	CM-18/30F
0.53	2.0	103	217	-4	158	0.40	43	TC-35ER
0.76	2.8	103	217	-4	158	0.40	43	TC-35/35ER
0.61	2.4	46	126	-4	212	0.40	47	S-18/30
1.45	2.4	43	-	32	212	-	47	XVT-2236
0.72	1.2	29	-	32	212	-	47	XVT-2237
0.92	1.6	29	-	32	212	-	47	XVT-2238
0.94	3.2	126	103	32	212	0.15	47	HAG-12E
1.39	3.2	80	114	32	212	0.15	94	HAT-24PWP
1.15	3.2	80	126	14	176	0.15	118	NSB-12EEAV 11
1.13	2.4	46	63	14	158	0.15	118	NAS-8EHDV
1.40	2.0	128	82	10	212	0.20	72	PMARKLNG-BE
0.90	3.0	140	82	-10	180	0.25	72	PMAKLNG-BR
1.11	4.9	74	211	-4	212	0.40	47	S-33/50
0.86	2.4	97	171	-22	212	0.15	47	SAG-12E
1.13	2.0	-	135	0	250	-	72	R3URT-OE
1.25	3.0	-	150	-20	175	-	72	RDGRP-R

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

EPDM = ethylene

propylene terpolymer

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

SBR = styrene butadiene rubber

TPA = thermoplastic alloy

Joining

T = Thermofix

F = Flexproof

L = Laced

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Low noise, back side	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resist.	Joining	Thickness [in.]
Extraline																			
EMB-12EMCH (NS)	2	•	•	-	•	•	-	-	PET	M	TPU	matt	cobalt blue	TPU	impregnated	white	6	F,L,T	0.07
EMB-20EMCH (NS)	2	•	•	-	•	•	-	-	PET	M	TPU	matt	cobalt blue	TPU	impregnated	white	6	F,L,T	0.07
ENA-151AEBH	3	•	•	-	•	-	-	-	aramide	N	PUR	smooth	black	TPU	impregnated	black	6	F	0.15
ENI-10E 15	2	•	•	-	•	-	-	-	PET	N	TPU	impregnated	light grey	TPU	impregnated	light grey	3	F,L	0.06
ENR-12E (NS)	1	•	-	-	•	•	-	-	PET	N	PET	fabric	blue	PET	fabric	blue	6	F,WT	0.07
ENR-12EGSL-L1 (NS)	1	•	-	-	•	•	-	-	PET	N	PET	fabric	light blue	PET	fabric	light blue	6	DPSL,F	0.07
ENT-12E (NS)	1	•	-	-	•	•	-	-	PET	N	PET	fabric	white	PET	fabric	white	6	F,WT	0.03
ENT-12EEWL (NS)	1	•	-	-	•	•	-	-	PET	N	PET	fabric	white	PET	fabric	white	6	SLS	0.05
ENU-50AXB	3	•	•	-	•	-	-	-	aramide	N	TPU	smooth	black	TPU	impregnated	grey	6	F,L	0.09
TPU Types																			
XVT-2304	2	•	•	-	•	•	-	-	PET	N	TPU	smooth	white	TPU	impregnated	white	6	F,L	0.06
FNI-5E	2	•	•	-	•	•	-	-	PET	N	TPU	impregnated	white	TPU	impregnated	white	6	F,L,T	0.04
FNI-12E	2	•	•	-	•	-	-	-	PET	N	TPU	impregnated	off white	TPU	impregnated	off white	6	F,L,T	0.06
High Duty																			
HAB-12E	2	•	•	-	•	-	•	-	PET	S	NBR	smooth	green	PUR	impregnated	black	5	L,T	0.08
HAG-12E	2	•	•	-	•	-	-	-	PET	A	NBR	rougtop	green	PUR	impregnated	black	5	L,T	0.23
HAT-8P	2	•	•	-	•	-	-	-	PA	A	NBR	rough textile	green	PUR	impregnated	black	5	L,T	0.08
HAT-12P	3	•	•	-	•	-	-	-	PA	A	NBR	rough textile	green	PUR	impregnated	black	2	L,T	0.12
HAT-15E	2	•	•	-	•	-	-	-	PET	A	NBR	rough textile	green	PUR	impregnated	light grey	2	F	0.11
HAT-18PW^^	3	•	•	-	•	-	-	-	PA	A	NBR	rough textiile	light green	PUR	impregnated	black	2	L,T	0.15
HAT-18PWPD^^	4	•	•	-	•	-	-	-	PA	A	NBR	rough textiile	apple grn	PUR	impregnated	black	3	L,T	0.15
HAT-24PWPD	2	•	•	-	•	-	-	-	PA	A	NBR	rough textile	apple grn	PUR	impregnated	black	2	L,T	0.24
Standard																			
SNB-12E 07	2	•	•	-	•	-	-	-	PET	N	PVC	sand	anthracite	PET	fabric	light grey	3	F,L	0.10
N-Line																			
NAB-8EEDV 11	2	•	•	-	•	•	-	-	PET	A	PVC	smooth	dark green	PET	fabric	white	3	F,L	0.08
NAB-12EEDV 11	2	•	•	-	•	•	-	-	PET	A	PVC	smooth	dark green	PET	fabric	white	3	F,L	0.11
NAB-18EEAV 11	3	•	•	-	•	•	-	-	PET	A	PVC	smooth	anthracite	PET	fabric	white	3	F,L	0.19
NAJ-8EEDV 11	2	•	•	-	•	•	-	-	PET	A	PVC	jink wave	dark green	PET	fabric	white	3	F,L	0.22
Allveyor®																			
A120COS-B	1	•	•	-	-	-	-	-	PET	A	PVC	smooth	black	PVC	impregnated	black	3	F,L	0.13
A150COS-B	1	•	•	-	-	-	-	-	PET	A	PVC	smooth	black	PVC	impregnated	black	3	F,L	0.16
PolyMate																			
PMARKLNG-BE	1	•	•	•	-	-	-	-	PET	M	TPA	rougtop	blue	TPA	impregnated	black	-	F,H,F,L	0.30
Ulti-Mate®																			
UM100SC-B 18	1	•	•	•	•	-	-	•	PET	N	NBR	imp fleece	black	NBR	imp fleece	black	5	F,L,T	0.10
UM155SC-B 18	1	•	•	•	•	-	-	•	PET	N	NBR	imp fleece	black	NBR	imp fleece	black	5	F,L,T	0.15
UM220-G 18	1	•	•	•	-	•	-	•	PET	N	NBR	imp fleece	light green	NBR	imp fleece	light green	5	F,L,T	0.22
Rubber																			
R2-160RTXB-GP	2	•	•	-	-	-	◊	-	PET	A	SBR	rougtop	black	RFL	impregnated	orange	#	L,T	0.23

^^ - HAT-18PW is a run out product that will be replaced by HAT-18PWPD

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Nosebar Radius, minimum [in.]	Tensile force for 1% elongation per unit of width k [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F]	Maximum Temperature [°F]	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.37	0.6	0.28	74	126	-22	158	0.15 / 0.15	157	36SLSP	#1	EMB-12EMCH
0.39	0.6	0.28	103	171	-22	158	0.15 / 0.15	157	36SLSP	#1	EMB-20EMCH
0.88	9.8	-	206	594	-4	122	0.20 / 0.20	150	-	-	ENA-151AEBH
0.29	1.6	-	80	103	-4	158	0.10 / 0.15	157	36XSP	#00	ENI-10E 15
0.26	3.2	-	69	103	-22	176	0.15 / 0.20	142	-	-	ENR-12E
0.25	2.4	-	97	-	-22	176	0.10 / 0.10	-	-	-	ENR-12EGSH-L1
0.10	2.0	-	69	103	-22	176	0.15 / 0.20	142	-	-	ENT-12E
0.27	2.8	0.47	80	91	-22	266	0.10 / 0.15	197	-	-	ENT-12EEWL
0.53	3.2	-	240	228	5	158	0.15 / 0.15	157	36SLSP	#1	ENU-50AXB
0.35	0.8	0.16	51	80	-22	176	0.15 / 0.15	157	36SLXSP	#00	XVT-2304
0.18	0.6	0.16	37	63	-22	176	0.15 / 0.15	157	36XSP	#00	FNI-5E
0.34	2.0	-	103	91	-22	176	0.15 / 0.15	157	36XSP	#00	FNI-12E
0.49	2.4	-	131	57	32	176	0.25 / 0.15	94	36SP	#1	HAB-12E
0.94	3.2	-	126	103	32	212	0.15 / 0.15	47	1-AHT	#1	HAG-12E
0.43	1.0	-	26	54	32	212	0.15 / 0.15	94	36SP	#1	HAT-8P
0.66	1.6	-	43	91	32	212	0.15 / 0.15	94	1-AHT	#7	HAT-12P
0.64	1.6	-	120	160	-22	212	0.15 / 0.20	47	-	-	HAT-15E
0.84	2.0	-	40	91	32	212	0.15 / 0.15	94	2	#15	HAT-18PW
0.84	2.0	-	40	91	32	212	0.15 / 0.16	94	2	#16	HAT-18PWPD
1.39	3.2	-	80	114	32	212	0.15 / 0.15	94	4	#125	HAT-24PWPD
0.59	2.4	-	91	97	23	158	0.15 / 0.15	126	36	#7	SNB-12E 07
0.47	1.2	-	51	86	14	158	0.15 / 0.15	118	36LLSP	#1	NAB-8EEDV 11
0.66	2.0	-	69	108	14	158	0.15 / 0.15	118	36	#7	NAB-12EEDV 11
1.15	4.9	-	86	143	14	158	0.15 / 0.15	118	2HT	#25	NAB-18EEAV
0.92	2.4	-	51	86	14	158	0.15 / 0.15	118	36	#15	NAJ-8EEDV 11
0.83	3.1	-	130	91	-10	180	0.20 / 0.30	72	1	#7	A120COS-B
1.04	4.0	-	200	146	-10	212	0.20 / 0.30	72	2HT	#20	A150COS-B
1.40	2.0	-	128	82	10	212	0.20 / 0.20	72	5	#27	PMARKLNG-BE
0.42	1.0	-	115	73	14	176	0.25 / 0.30	79	36SLSP	#62	UM100SC-B
0.43	2.0	-	135	64	10	176	0.20 / 0.25	79	2	#125	UM155SC-B
0.70	4.0	-	110	82	10	176	0.20 / 0.25	79	4	#187	UM220-G
1.10	2.0	-	-	150	-40	250	- / 0.40	72	2SP	#15	R2-160RTXB-GP

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

NS= Non-stocked

AR = aramide

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

NW = non-woven

PA = polyamide

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

RFL = resorcinol formaldehyde latex

SBR = styrene butadiene rubber

SW = sine wave pattern

TPA = thermoplastic alloy

TPU = polyurethane, thermoplastic

Joining

DL = Double Loop

F = Flexproof

HF = Hidden Finger

L = Laced

T = Thermofix

WT = woven truly endless

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

S = Super Adhesive

A = Adhesive

M = Medium Adhesive

N = Non-Adhesive

Product Group and Belt Type	1 or 2 Sided	Permanently antistatic	Tension member, material	Top side, material	Top side, surface	Top side, color	Pulley side, material	Pulley side, surface	Pulley side, color	Class of chem. resistance	Joining	Thickness [in.]
A-Series Belts												
A-2	1	•	PA	NBR	rough	green	NBR	long. groove	black	2	T	0.11
A-3	1	•	PA	NBR	rough	green	NBR	long. groove	black	2	T	0.13
A-4	1	•	PA	NBR	rough	green	NBR	long. groove	black	2	T	0.20
A-5	1	•	PA	NBR	rough	green	NBR	long. groove	black	2	T	0.27
Leather Series Belts												
A-3LL	2	-	PA	leather	leather	light grey	leather	leather	light grey	1	T	0.16
A-3LT	1	-	PA	PA	fabric	green	leather	leather	light grey	1	T	0.12

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Nominal peripheral force per unit of width [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Belt Type
0.55	2.4	43	126	-4	212	0.45	47	A-2
0.72	4.9	69	206	-4	212	0.45	47	A-3
1.09	11.8	120	360	-4	212	0.45	47	A-4
1.50	17.7	171	525	-4	212	0.42	47	A-5
0.82	4.9	46	126	-4	176	0.25	18	A-3LL
0.61	4.9	46	126	-4	176	0.25	18	A-3LT

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Joining

DL = Double Loop

F = Flexproof

HF = Hidden Finger

L = Laced

T = Thermofix

WT = woven truly endless

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

S = Super Adhesive

A = Adhesive

M = Medium Adhesive

N = Non-Adhesive

Product Group and Belt Type		PLY / Fabrics	For slider bed	For carrying roller	Low noise, back side	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Tension member, material		Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resist.	Joining	Thickness [in.]
Extraline																					
E-16EHMU (XVT-2092)		2	•	•	-	•	-	-	-	PET	N	PUR	impregnated	grey	PUR	impregnated	grey	6	F,L,T	0.06	
EMB-27EHBT		3	•	•	-	•	-	-	-	PET	M	TPU	smooth	black	TPU	impregnated	white	6	F,L	0.10	
XVT-2249		3	•	•	-	-	-	-	-	PA	N	PA	impregnated	black	PA	rough textile	green	1	T	0.15	
TPU Types																					
F-5EIWT		2	•	•	-	•	•	-	-	PET	N	PET	impregnated	white	PET	impregnated	white	6	F,L	0.04	
FNI-5E		2	•	•	-	•	•	-	-	PET	N	TPU	impregnated	white	TPE	impregnated	white	6	F,L,T	0.04	
FAB-12E		2	•	•	-	•	-	-	-	PET	A	TPU	smooth	white	TPU	impregnated	light grey	6	F,L,T	0.09	
XVT-2303		2	•	•	-	•	•	-	-	PET	N	TPU	smooth	transparent	TPU	impregnated	white	6	F,L,T	0.06	
XVT-2304		2	•	•	-	•	•	-	-	PET	N	TPU	smooth	white	TPU	impregnated	white	6	F,L,T	0.06	
TT191/AS		2	•	•	-	•	•	-	-	PET	N	TPU	smooth	transparent	TPU	impregnated	white	6	F,L	0.07	
PolyMate																					
PMTEF-BE		1	•	•	-	-	-	-	-	PET	N	teflon	glossy	light blue	NBR	fleece	white	5	HF,L	0.15	
PMARKLNG-BE		1	•	•	•	-	-	-	-	PET	M	TPA	rougtop	blue	PET	fleece	black	-	F,HF,L	0.30	
PM140SCTPU-B		1	•	•	-	•	-	-	-	PET	M	TPU	smooth	black	NBR	buffed	black	6	F,HF,L	0.19	
Ulti-Mate®																					
UM100SC-B 18		1	•	•	•	•	-	-	•	PET	N	NBR	fleece	black	NBR	fleece	black	5	F,L,T	0.10	
UM155SC-B 18		1	•	•	•	•	-	-	•	PET	N	NBR	fleece	black	NBR	fleece	black	5	F,L,T	0.15	
UM220-G 18		1	•	•	•	-	•	-	•	PET	N	NBR	fleece	light green	NBR	fleece	light green	5	HF,L,T	0.22	
UM220SC-B 18		1	•	•	•	•	-	-	•	PET	N	NBR	fleece	black	NBR	fleece	black	5	HF,L,T	0.22	
HAB-12E		2	•	•	-	-	-	•	-	PET	S	NBR	smooth	green	PUR	impregnated	black	5	L,T	0.08	
High Duty																					
HAT-12P		3	•	•	-	•	-	-	-	PA	A	NBR	rough textile	green	PUR	impregnated	black	2	L,T	0.12	
HAT-18PW		3	•	•	-	•	-	-	-	PA	A	NBR	rough textile	light green	PUR	impregnated	black	2	L,T	0.15	
HAT-18PWP		4	•	•	-	•	-	-	-	PA	A	NBR	rough textile	apple green	PUR	impregnated	black	3	L,T	0.15	
HAT-24PWP		2	•	•	-	•	-	-	-	PA	A	NBR	rough textile	apple green	PUR	impregnated	black	2	L,T	0.24	
HNA-8P		2	•	•	-	•	-	-	-	PA	N	PUR	smooth	green	PUR	impregnated	black	2	L,T	0.05	
HNA-18P		3	•	•	-	•	-	-	-	PA	N	PUR	smooth	green	PUR	impregnated	black	2	L,T	0.07	
HNB-12EO		2	•	•	-	•	-	-	-	PET	N	TPU	smooth	green	TPU	impregnated	grey	6	F,L,T	0.10	
N-Line																					
NHU-12EAAV 11		3	•	•	-	•	•	•	•	PET	N	PVC	smooth	dark grey	PUR	impregnated	white	3	F,L	0.12	
NNT-20ECDV		3	•	•	•	•	-	•	•	PET	N	PVC	impregnated	dark green	PUR	impregnated	black	3	F,L	0.14	
Allveyor®																					
A150COS-B		1	•	•	-	-	-	-	-	PET	A	PVC	smooth	black	PVC	impregnated	black	3	F,L	0.16	
A150CBSMI-B		1	-	•	-	-	-	-	-	PET	A	PVC	smooth	black	PVC	smooth	black	3	F,L	0.20	
A200COS-B (SS)		1	•	•	-	-	-	-	-	PET	A	PVC	smooth	black	PVC	impregnated	black	3	F,L	0.22	

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Nosebar Radius, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.33	1.6	-	114	97	-4	176	0.15 / 0.20	94	36SLSP	#1	E-16EHMU
0.59	3.2	-	188	206	14	176	0.15 / 0.20	59	UX1SP	#7	EMB-27EHBT
0.76	11.8	-	160	-	-4	212	0.25 / -	94	-	-	XVT-2249
0.21	0.6	0.08	49	54	14	158	0.15 / 0.15	157	36XSP	-	F-5EIWT
0.18	0.6	0.16	37	51	-22	176	0.15 / 0.15	157	36XSP	#00	FNI-5E
0.55	2.0	-	97	108	-22	176	0.15 / 0.15	157	1-AHT	#7	FAB-12E
0.35	0.8	0.16	54	74	-22	176	0.15 / 0.15	157	36SLXSP	#00	XVT-2303
0.35	0.8	0.16	51	80	-22	176	0.15 / 0.15	157	36SLXSP	#00	XVT-2304
0.41	1.6	-	23	69	-4	212	0.15 / 0.15	79	36SLSP	#1	TT191/AS
0.72	6.0	-	110	32	50	176	0.25 / 0.25	34	UX1SP	#7	PMTEF-BE
1.40	2.0	-	128	82	10	212	0.20 / 0.20	72	5	#27	PMARKLNG-BE
0.92	4.0	-	128	91	10	176	0.40 / 0.25	72	3	#25	PM140SCTPU-B
0.42	1.0	-	115	73	14	176	0.25 / 0.30	79	36SLSP	#62	UM100SC-B 18
0.43	2.0	-	135	64	10	176	0.20 / 0.25	79	2SP	#15	UM155SC-B 18
0.70	4.0	-	110	82	10	176	0.20 / 0.25	79	3	#25	UM220-G 18
0.70	4.0	-	110	73	10	176	0.30 / 0.25	79	3	#25	UM220SC-B 18
0.49	2.4	-	131	57	32	176	0.25 / 0.15	94	36SP	#1	HAB-12E
0.66	1.6	-	43	91	32	212	0.15 / 0.15	94	1-AHT	#7	HAT-12P
0.84	2.0	-	40	91	32	212	0.15 / 0.15	94	2	#15	HAT-18PW
0.84	2.0	-	40	91	32	212	0.15 / 0.16	94	2	#16	HAT-18PWPD
1.39	3.2	-	80	114	32	212	0.15 / 0.15	94	4	#125	HAT-24PWPD
0.23	1.0	-	29	63	-4	212	0.15 / 0.15	94	36XSP	#00	HNA-8P
0.33	2.0	-	46	108	-4	212	0.15 / 0.15	94	1-DHT	#1	HNA-18P
0.57	2.0	-	114	148	5	176	0.15 / 0.15	94	36	#7	HNB-12EO
0.78	3.9	-	80	126	32	158	0.15 / 0.15	118	36LLSP	#15	NHU-12EAAV 11
0.82	4.9	-	114	80	14	176	0.15 / 0.15	106	36LL	#7	NNT-20ECDV
1.04	4.0	-	200	146	-10	180	0.20 / 0.30	72	2HT	#20	A150COS-B
1.22	3.5	-	170	110	-10	176	0.40 / 0.50	72	2	#25	A150CBSMI-B
1.27	6.0	-	175	183	-10	230	0.20 / 0.30	72	4	#27	A200COS-B (SS)

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

impreg. = impregnated

NW = non-woven

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

SS = slab only

TPA = thermoplastic alloy

TPU = polyurethane, thermoplastic

Joining

- T = Thermofix
- F = Flexproof
- L = Laced
- HF = Hidden Finger

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

- S = Super Adhesive
- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

*tensile force at 1.5% elongation

Product Group and Belt Type	1 or 2 Sided	Permanently antistatic	Tension member, material	Top side, material	Top side, surface	Top side, color	Pulley side, material	Pulley side, surface	Pulley side, color	Class of chem. resistance	Joining	Thickness [in.]
A-Series Belts												
A-2	1	•	PA	NBR	rough	green	NBR	longitudinal groove	black	2	T	0.11
A-3	1	•	PA	NBR	rough	green	NBR	longitudinal groove	black	2	T	0.13
A-4	1	•	PA	NBR	rough	green	NBR	longitudinal groove	black	2	T	0.20
A-5	1	•	PA	NBR	rough	green	NBR	longitudinal groove	black	2	T	0.27
Leather Series Belts												
A-3LL	2	•	PA	leather	leather	light grey	leather	leather	light grey	1	T	0.16
A-3LT	1	•	PA	PA	fabric	green	leather	leather	light grey	1	T	0.12
S Series Belts												
CM-18/30F	2	•	PET	NBR	rough	green	NBR	rough	green	2	F	0.13
S-10/15	2	•	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.06
S-18/20	2	•	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.08
S-18/30	2	•	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.12
S-33/40	2	•	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.16
S-33/50	2	•	PA	NBR	rough	light green	NBR	rough	yellow	2	T	0.20
S Series												
S-140H	2	•	PA	NBR	fine	green	NBR	rough	yellow	2	T	0.07
Tangential Belts												
S-250H	2	•	PA	NBR	fine	green	NBR	rough	yellow	2	T	0.09
S-250HR	2	•	PA	NBR	rough	green	NBR	rough	light green	2	T	0.10
S-251H	2	•	PA	NBR	rough	green	NBR	rough	yellow	2	T	0.12
S-390H	2	•	PA	NBR	rough	green	NBR	rough	yellow	2	T	0.13
S-391H	2	•	PA	NBR	rough	green	NBR	rough	yellow	2	T	0.16
TC-20EF	2	•	PET	NBR	fine	light green	NBR	rough	black	2	F	0.08
TC Series Belts												
TC-35ER	2	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.10
TC-35/35ER	2	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.14
TC-55ER	2	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.12
TC-55ERA	2	•	PET	NBR	rough	light green	NBR	rough	black	2	F	0.12
TCF Series Belts												
TCF-50H	2	•	PET	Hamid®	fine textile	white	Hamid®	fine textile	white	2	F	0.08
TF Series Aramide												
TF-10	2	•	AR	NBR	fine textile	green	NBR	fine textile	black	2	F	0.07
Tangential Belts												
TF-15	2	•	AR	NBR	fine	green	NBR	rough	black	2	F	0.08
TF-22	2	•	AR	NBR	rough	green	NBR	rough	black	2	F	0.09
TF-33	2	•	AR	NBR	rough	green	NBR	rough	black	2	F	0.12
TF-50	2	•	AR	NBR	rough	green	NBR	rough	black	2	F	0.15
Spindle Tapes												
W-8	1	•	PET/CO	TPU	impregnated	green	TPU	smooth	black	6	F,L	0.03
DS-8	1	•	PET/CO	PET/CO	impregnated	white	TPU	smooth	black	6	F,L	0.03
TS-5	2	•	PA	PA/CEL	fabric	yellow	NBR	sand	green	2	T,L	0.02
TS-10	2	-	PA	PA	fabric	yellow	PA	fabric	light green	2	T,L	0.03
TS-55	2	•	PA	PA/CO	fabric	yellow	NBR	sand	green	2	T,L	0.03
F-Series Belts												
F-2	2	•	PA	NBR	rough	green	NBR	impregnated	green	2	T	0.07

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Nominal peripheral force per unit of width [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Belt Type
0.55	2.4	43	126	-4	212	0.45	47	A-2
0.72	4.9	69	206	-4	212	0.45	47	A-3
1.09	11.8	120	360	-4	212	0.45	47	A-4
1.50	17.7	171	525	-4	212	0.45	47	A-5
0.82	4.9	46	126	-4	176	0.25	18	A-3LL
0.61	4.9	46	126	-4	176	0.25	18	A-3LT
0.66	2.8	86	200	-4	149	0.40	47	CM-18/30F
0.31	1.6	25	69	-4	212	0.40	47	S-10/15
0.45	2.4	46	126	-4	212	0.40	47	S-18/20
0.61	2.4	46	126	-4	212	0.40	47	S-18/30
0.88	4.9	74	211	-4	212	0.40	47	S-33/40
1.11	4.9	74	211	-4	212	0.40	47	S-33/50
0.39	1.6	27	74	-4	212	0.40	47	S-140H
0.51	3.9	63	166	-4	212	0.40	47	S-250H
0.59	3.9	63	166	-4	212	0.40	47	S-250HR
0.66	3.9	63	166	-4	212	0.40	47	S-251H
0.74	5.9	80	217	-4	212	0.40	47	S-390H
0.96	5.9	80	217	-4	212	0.40	47	S-391H
0.45	1.0	57	120	-4	158	0.40	43	TC-20EF
0.53	2.0	103	217	-4	158	0.40	43	TC-35ER
0.76	2.8	103	217	-4	158	0.40	43	TC-35/35ER
0.66	2.8	143	303	-4	158	0.40	43	TC-55ER
0.66	2.8	143	303	-4	158	0.40	43	TC-55ERA
0.45	2.4	137	274	-4	158	0.40	43	TCF-50H
0.36	1.0	57	57	-4	149	0.40	47	TF-10
0.43	1.2	86	86	-4	149	0.40	47	TF-15
0.55	2.4	126	126	-4	149	0.40	43	TF-22
0.66	3.9	188	188	-4	149	0.40	43	TF-33
0.84	4.9	286	286	-4	149	0.40	43	TF-50
0.14	0.6	34	34	-4	140	0.40	47	W-8
0.14	0.6	34	34	-4	140	0.40	47	DS-8
0.10	0.6	9	20	-4	212	0.40	47	TS-5
0.14	0.8	10	20	-4	212	0.40	47	TS-10
0.16	1.0	14	37	-4	212	0.40	47	TS-55
0.36	2.4	80	25	-4	212	0.15	47	F-2

Explanations

- = applicable
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- = not applicable

AR = aramide

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PA/CEL = polyamide/cellulose

PA/CO = polyamide/cotton

PET = polyester

PET/CO = polyester/cotton

POLY/CR = polyester, cross linked

PUR = polyurethane, cross-linked

TPU = polyurethane, thermoplastic

Joining

- T = Thermofix
- F = Flexproof
- L = Laced

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Product Group and Belt Type	PLY / Fabrics		For slider bed		For carrying roller		Low noise, back side		Permanently antistatic		Tension member, material		Conveying (top) side, material		Conveying (top) side, surface		Conveying (top) side, color		Back (pulley) side, material		Back (pulley) side, surface		Back (pulley) side, color		Class of chemical resistance		Joining		Thickness [in.]		
Extraline Print Blankets																															
PB-2460	2	•	•	-	•	PET	TPU	smooth	black	TPU	impregnated	grey	6	F,L	0.10																
ENU-20EXBD	2	•	•	-	•	PET	TPU	smooth	black	TPU	impregnated	grey	6	F,L	0.08																
ENU-50AXBD	3	•	•	-	•	AR	TPU	smooth	black	TPU	impregnated	grey	6	F,L	0.09																
Extraline Crosslapper Aprons																															
ENB-6EE	2	•	-	-	•	PET	POLY/CL	smooth	black	PUR	impregnated	black	6	F,T,L	0.04																
ENT-6EE	2	•	-	-	•	PET	POLY/CL	impregnated	black	PUR	impregnated	black	6	F,T,L	0.03																

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
0.59	2.4	103	171	5	194	0.15 / 0.15	157	UX1SP	#7	PB-2460
0.47	3.2	103	171	5	158	0.15 / 0.15	157	36SLSP	#1	ENU-20EXBD
0.53	3.2	240	228	5	158	0.15 / 0.15	157	36SLSP	#1	ENU-50AXB
0.21	2.0	31	57	14	158	0.15 / 0.15	157	36SLXSP	#00	ENB-6EE
0.14	2.0	31	57	14	158	0.15 / 0.15	157	36SLXSP	#00	ENT-6EE

Explanations

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NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PA/CEL = polyamide/cellulose

PA/CO = polyamide/cotton

PET = polyester

PET/CO = polyester/cotton

POLY/CR = polyester, cross linked

PUR = polyurethane, cross-linked

TPU = polyurethane, thermoplastic

Joining

T = Thermofix

F = Flexproof

L = Laced

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Product Group and Belt Type	Hardness Shore A	Tension member, material	Friction material	Color	Class of chemical resistance	Joining	Diameter [in.]	Diameter [mm]
Polycord®								
P-CORD02 (R-2)	90	TPU	TPU	green	6	Q	0.08	2
P-CORD03 (R-3)	90	TPU	TPU	green	6	Q	0.12	3
P-CORD04 (R-4)	90	TPU	TPU	green	6	Q	0.16	4
P-CORD05 (R-5)	90	TPU	TPU	green	6	Q	0.20	5
P-CORD06 (R-6)	90	TPU	TPU	green	6	Q	0.24	6
P-CORD07 (R-7)	90	TPU	TPU	green	6	Q	0.28	7
P-CORD08 (R-8)	90	TPU	TPU	green	6	Q	0.32	8
P-CORD10 (R-10)	90	TPU	TPU	green	6	Q	0.39	10
P-CORD12 (R-12)	90	TPU	TPU	green	6	Q	0.47	12
P-CORD15 (R-15)	90	TPU	TPU	green	6	Q	0.59	15
HABICORD® (Translucent)								
HC-3 (POLYWHITE R3 FW)	85	TPU	TPU	translucent	6	Q	0.12	3
HC-4 (POLYWHITE R4 FW)	85	TPU	TPU	translucent	6	Q	0.16	4
HC-5 (POLYWHITE R5 FW)	85	TPU	TPU	translucent	6	Q	0.20	5
HC-6 (POLYWHITE R6 FW)	85	TPU	TPU	translucent	6	Q	0.24	6
HC-7 (POLYWHITE R7 FW)	85	TPU	TPU	translucent	6	Q	0.28	7
HC-8 (POLYWHITE R8 FW)	85	TPU	TPU	translucent	6	Q	0.31	8
HC-10 (POLYWHITE R10 FW)	85	TPU	TPU	translucent	6	Q	0.39	10
HC-12 (POLYWHITE R12 FW)	85	TPU	TPU	translucent	6	Q	0.47	12
HC-15 (POLYWHITE R15 FW)	85	TPU	TPU	translucent	6	Q	0.59	15
HABICORD® (Green)								
H-CORD03	90	TPU	TPU	green	6	Q	0.12	3
H-CORD04	90	TPU	TPU	green	6	Q	0.16	4
H-CORD05R	90	TPU	TPU	green	6	Q	0.20	5
H-CORD06	90	TPU	TPU	green	6	Q	0.24	6
H-CORD07	90	TPU	TPU	green	6	Q	0.28	7
H-CORD08	90	TPU	TPU	green	6	Q	0.31	8
H-CORD10	90	TPU	TPU	green	6	Q	0.39	10
H-CORD12	90	TPU	TPU	green	6	Q	0.47	12
H-CORD15	90	TPU	TPU	green	6	Q	0.59	15
Habilblue (Food Grade Round Belts)								
HABILBLUE3	86	TPU	TPU	cobalt blue	6	Q	0.12	3
HABILBLUE4	86	TPU	TPU	cobalt blue	6	Q	0.16	4
HABILBLUE5	86	TPU	TPU	cobalt blue	6	Q	0.20	5
HABILBLUE6	86	TPU	TPU	cobalt blue	6	Q	0.24	6
HABILBLUE8	86	TPU	TPU	cobalt blue	6	Q	0.31	8
HABILBLUE10	86	TPU	TPU	cobalt blue	6	Q	0.39	10
HABILBLUE12	86	TPU	TPU	cobalt blue	6	Q	0.47	12

Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 8% elongation per unit of width k8% [lbf]	Nominal peripheral force [lbf] at 8% tension	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Coefficient of friction μ of back side on steel driving pulley/stainless steel sliderbed	Belt Type
0.003	0.8	2	1	-4	122	0.3	P-CORD02 (R-2)
0.006	1.2	4	3	-4	122	0.3	P-CORD03 (R-3)
0.010	1.6	7	5	-4	122	0.3	P-CORD04 (R-4)
0.016	2.0	11	8	-4	122	0.3	P-CORD05 (R-5)
0.023	2.4	16	12	-4	122	0.3	P-CORD06 (R-6)
0.031	2.8	22	16	-4	122	0.3	P-CORD07 (R-7)
0.040	3.2	29	21	-4	122	0.3	P-CORD08 (R-8)
0.063	3.9	45	33	-4	122	0.3	P-CORD10 (R-10)
0.091	4.7	65	48	-4	122	0.3	P-CORD12 (R-12)
0.143	5.9	102	74	-4	122	0.3	P-CORD15 (R-15)
0.006	1.2	4	2	14	140	0.5	HC-3
0.010	1.6	7	3	14	140	0.5	HC-4
0.016	2.0	11	6	14	140	0.5	HC-5
0.022	2.4	17	8	14	140	0.5	HC-6
0.031	2.8	22	10	14	140	0.5	HC-7
0.040	3.2	31	13	14	140	0.5	HC-8
0.062	3.9	54	21	14	140	0.5	HC-10
0.090	4.7	66	31	14	140	0.5	HC-12
0.140	5.9	124	48	14	140	0.5	HC-15
0.006	1.2	4	3	14	122	0.5	H-CORD03
0.010	1.6	7	5	14	122	0.5	H-CORD04
0.150	2.0	11	8	14	122	0.5	H-CORD05
0.022	2.4	16	11	14	122	0.5	H-CORD06
0.030	2.8	22	16	14	122	0.5	H-CORD07
0.039	3.2	28	20	14	122	0.5	H-CORD08
0.061	3.9	44	32	14	122	0.5	H-CORD10
0.088	4.7	64	46	14	122	0.5	H-CORD12
0.138	5.9	100	72	14	122	0.5	H-CORD15
0.005	1.2	3	2	14	122	0.4	HABIBLUE3
0.009	1.6	5	3	14	122	0.4	HABIBLUE4
0.015	2.0	8	5	14	122	0.4	HABIBLUE5
0.021	2.4	11	8	14	122	0.4	HABIBLUE6
0.037	3.2	20	14	14	122	0.4	HABIBLUE8
0.058	3.9	32	21	14	122	0.4	HABIBLUE10
0.084	4.7	46	31	14	122	0.4	HABIBLUE12

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

TPU = polyurethane, thermoplastic

Joining

Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Nosebar suitable	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resistance
High Temp (Solid Woven and NonWoven)																	
HIT/FG/3	3	•	-	-	-	-	-	-	glass fabric	N	glass fabric	rough	beige	glass fabric	rough	beige	-
HIT/APA/4	4	•	•	-	•	•	-	-	AR	N	aramide	fabric	yellow	AR/PAN	fabric	yellow/black	-
HIT/A/N300A	-	•	•	-	•	•	-	-	AR	N	aramide	buffed	yellow	AR	buffed	yellow	-
HIT/A/N380A	2	•	•	-	-	-	•	-	AR	N	aramide	buffed	yellow	TPU	impreg.	white	-
HIT/A/N500	-	•	•	-	•	•	-	-	AR	N	aramide	buffed	yellow	AR	buffed	yellow	-
Specialty																	
EAT-8P	2	•	•	•	-	-	-	-	PA	A	NBR	rough	black	PUR	impregnated	black	2
ENI-12P	2	•	•	•	-	-	-	-	PA	N	PUR	impreg.	black	PUR	impregnated	black	2
ENI-5EE	2	•	•	•	-	-	-	-	PET	N	PUR	impreg.	black	PUR	impregnated	black	6
ENI-5P	2	•	•	•	-	-	-	-	PA	N	PUR	impreg.	black	PUR	impregnated	black	2
HNA-8P	2	•	•	•	-	-	-	-	PA	N	PUR	smooth	green	PUR	impregnated	black	2
HNA-18P	3	•	•	•	-	-	-	-	PA	N	PUR	smooth	green	pur	impregnated	black	2
WVT-140	2	•	•	•	•	-	•	•	aramide	S	silicone	smooth	white	aramide	fabric	beige	5

Product Group and Belt Type	PLY / Fabrics	Tension member, material	Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Fill tensile strength, [lbs./in.]	Warp tensile strength, [lbs./in.]	Air Permeability (CFM*/ft2) at pressure drop 0.5 / 8.0 / 20 (inch of water)	Manufacturing width [in.]	Belt Type
Polyair (Polyester Nonwoven)									
NW/AGC 2000	1	PET	0.22	0.78	1500	1500	<1.8 / 13.0 / 33.0	72	NW/AGC 2000
Solid Woven Polyester									
SWP/4	4	PET	0.21	0.74	1800	2200	<1.8 / 16.0 / 35.0	86	SWP/4
SWP/5	5	PET	0.22	0.86	2500	2200	<1.8 / 7.0 / 15.0	86	SWP/5
SWP/6	6	PET	0.26	1.02	2500	3000	<1.8 / 7.0 / 16.0	86	SWP/6

Product Group and Belt Type	PLY / Fabrics	For slider bed	For carrying roller	Permanently antistatic	Metal detector suitable	Troughing suitable	Powerturn suitable	Nosebar suitable	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Class of chem. resist.
Oil Fence																	
A150CBSMI-B	1	-	•	-	-	-	-	-	PET	A	PVC	smooth	black	PVC	smooth	black	3
W100OF-OE	1	-	-	-	-	-	-	-	PET	N	TPU	coated	orange	TPU	coated	orange	3

Joining	Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
L	0.28	1.68	6.00	-	200	32	1202	MW	5SS	#27	HIT/FG/3
L,S	0.19	0.59	3.00	-	125	-	800	MW	3SS	#20	HIT/APA/4
L,S	0.31	0.66	3.00	-	250	-	800	60	5SS	#27	HIT/A/N300A
HF,L	0.31	0.66	3.00	251	251	-	799	56	5SS	#45	HIT/A/N380A
L,S	0.50	0.66	3.00	-	-	-	800	60	-	#65	HIT/A/N500
T	0.08	0.43	0.8	22	49	32	212	94	36SP	#1	EAT-8P
T	0.06	0.35	2.4	80	211	-4	212	47	36XSP	#00	ENI-12P
F,L,T	0.05	0.24	0.8	34	63	-22	176	94	36SLXSP	#00	ENI-5EE
L,T	0.04	0.23	0.8	49	91	-4	212	47	36XSP	#00	ENI-5P
L,T	0.05	0.23	1.0	23	63	-4	212	94	36XSP	#00	HNA-8P
L,T	0.07	0.33	2.0	46	108	-4	212	94	1-DHT	#1	HNA-18P
F,L,T	0.07	0.37	1.2	15	31	-22	356	59	36SLSP	#1	WVT-140

Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

AR = aramide

impreg. = impregnated

NW = non-woven

PA = polyamide

PAN = polyacrylnitrile fabric

PET = polyester

TPU = polyurethane, thermoplastic

Joining

T = Thermofix

F = Flexproof

HF = Hidden Finger

L = Laced

S = Sewn

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction

S = Super Adhesive

A = Adhesive

N = Non-Adhesive

CFM* = cubic feet/minute

MW = Solid Woven products are woven to width. Please check with your Habasit representative to assure that the width you are interested in is both available and in stock.

Joining	Thickness [in.]	Mass of belt per sq. ft. (belt weight) [lbs./sq.ft.]	Pulley diameter, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Admissible tensile force per unit of width k adm [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt Type
F,L	0.20	1.22	3.5	170	110	-10	176	72	2	#25	A150CBSMI-B
-	0.18	0.78	-	75	-	10	176	72	-	-	W100OF-OE

Customers first

Your success is our goal. That is why we don't just offer products; we provide solutions. As committed partners to our customers, we are dedicated to sharing our knowledge and providing full support.

Since our founding in 1946, Habasit has been finding ways to meet customer's specific needs in every application. This is what differentiates us as the #1 worldwide belting provider in the industry today.



Comprehensive consulting and technical support

Profit from the best consulting and technical support in the lightweight belting industry. Local experts are always available to assist you in your belting needs. The Habasit team is proud to provide the highest level of support, together with top-quality products that lead the global market for decades.



Belt Selection and Calculation Assistance

We are always glad to help you select the most suitable belt for any application for your convenience. We now also provide the free online tool 'SeleCalc' which allows you to easily make selections and calculations yourself. Simply register online at selecalc.habasit.com.



Fabrication, assembly and local installation services

As a full-service belting provider, we offer joining and assembly services either at our own locations or directly on your equipment.



Habasit has over 30 affiliates worldwide, each with its own inventory, fabrication, assembly and service facilities.

Together with representative offices and numerous qualified distributors, we can react quickly and efficiently to meet all your needs.



Customer training programs

To ensure the optimal performance and maximum lifespan of all our products, we offer training programs and various support tools. This includes proper procedures for fabrication, installation, assembly, maintenance and belt repair, all of which take place at a Habasit site or at your location.



Belt monitoring, inspections, analyses and process optimization proposals

We organize and handle belt maintenance, inspections, analyses and surveys at customer's sites. Upon request, we are ready to develop optimization proposals to ensure you're getting maximum value from your machinery and process output.



Design assistance for customized solutions

Habasit believes in building partnerships with our customers. Our engineering team will work closely with your engineers on joint design developments from initial design to final implementation. This expert service can be invaluable for projects involving new technologies or large-scale modifications and adaptations.



Committed to innovation

Because our customers' belting challenges and needs are always changing, we consistently invest a substantial amount of labor and resources into the research and development of new products and solutions.

Certified for quality

We deliver the highest quality standards not only in our products and solutions, but also in our employees' daily work processes. Habasit AG is certified according to ISO 9001:2008.



Worldwide leading product range

Habasit offers the largest selection of belting, conveying, processing and complementary products in the industry. Our response to any request is nothing less than a specific, tailor-made solution.

<p>HabaFLOW® Fabric-based conveyor and processing belts</p>	<p>HabasitLINK® Plastic modular belts</p>	<p>Habasit Cleandrive™ Monolithic reinforced conveyor belts</p>	<p>HabaDRIVE® Power transmission belts</p>
<p>HabaSYNC® Timing belts</p>	<p>HabaCHAIN® Chains (slat and conveyor chains)</p>	<p>Machine tapes</p>	<p>Round belts</p>
<p>Seamless belts</p>	<p>HabiPLAST® Profiles, Guides, Wear strips</p>	<p>Accessories (sprockets, flights, welding profiles, etc.)</p>	<p>Fabrication tools (joining, cutting & preparing devices)</p>

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