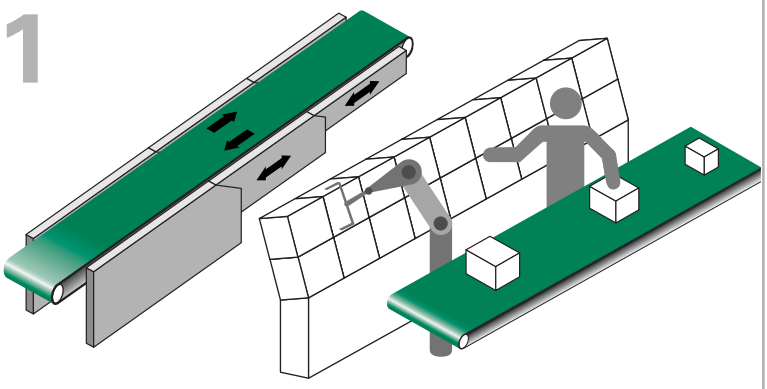
Industries
2044 US

Material Handling

Habasit–Solutions in motion

Input stage

1

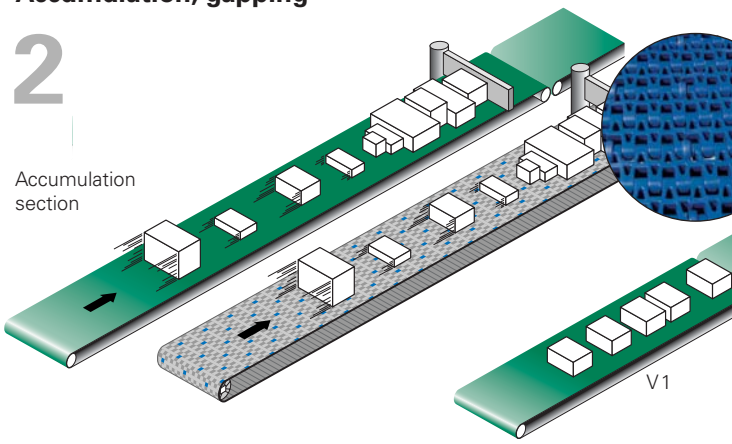


Telescopic loader

Picking section

Accumulation, gapping

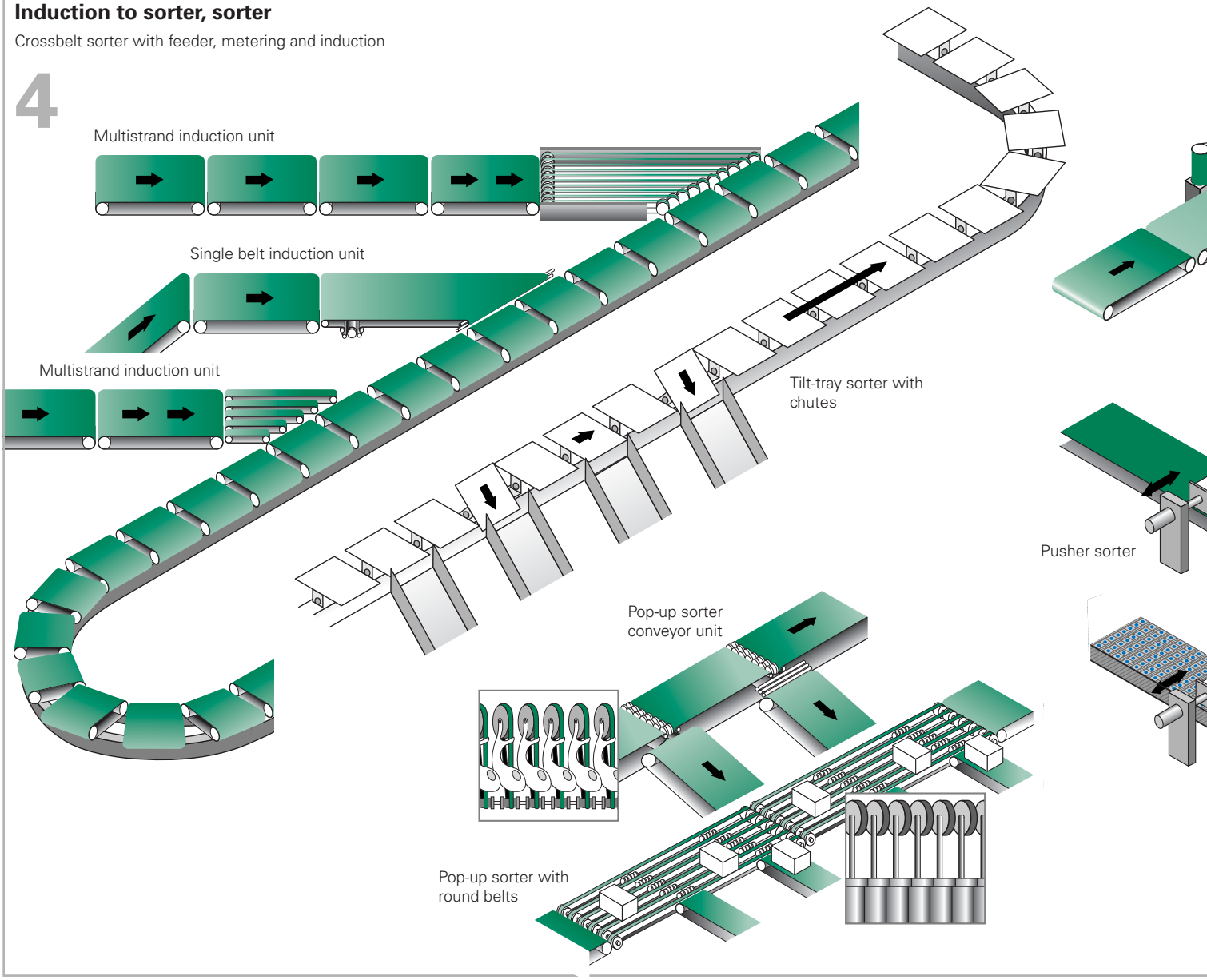
2

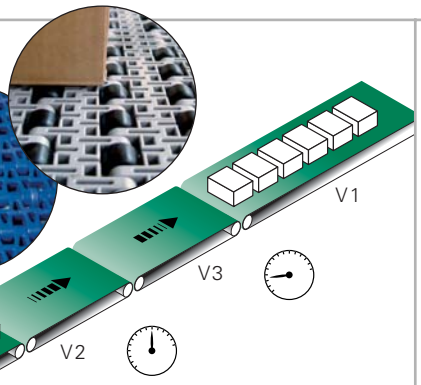


Induction to sorter, sorter

Crossbelt sorter with feeder, metering and induction

4

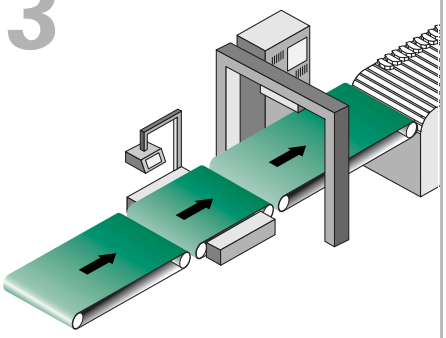




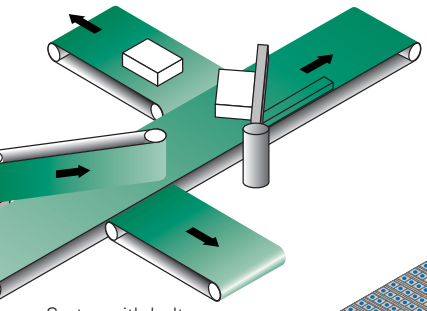
Gapping/ acceleration section

Identification

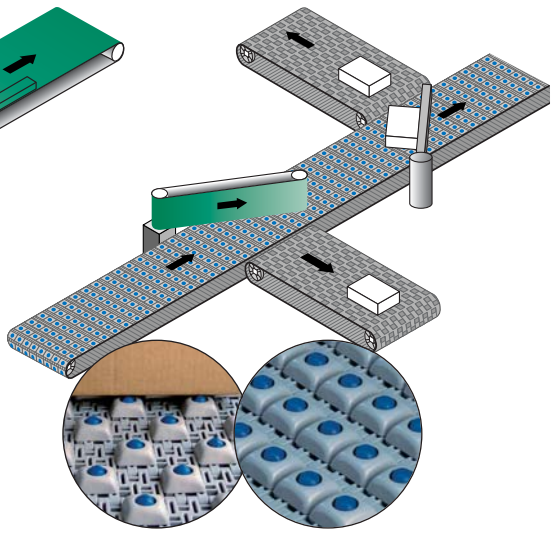
3

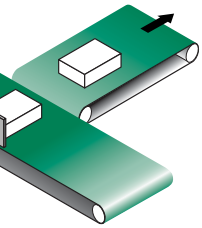


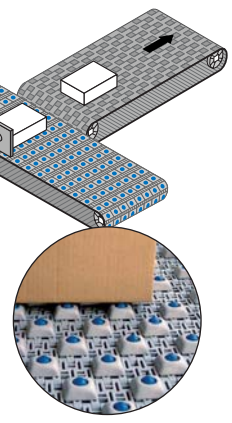
Check weigher, scale, scanner, labeling section



Sorter with belt
diverter and paddle



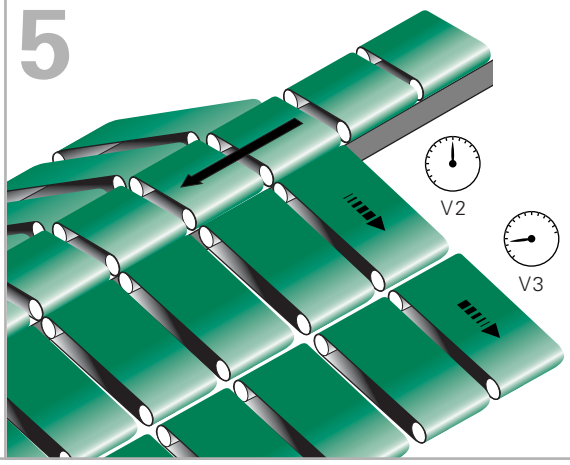




Outfeed, final stage

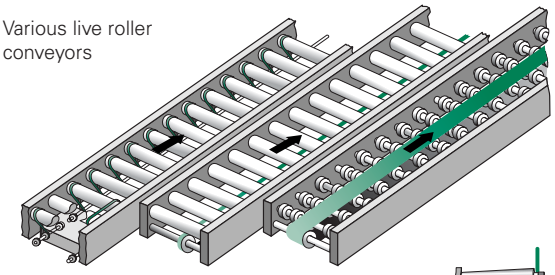
Deceleration belts

5

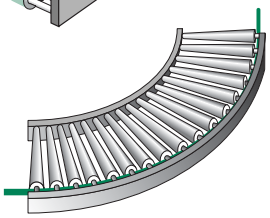


Conveyor sub systems, conveyor modules

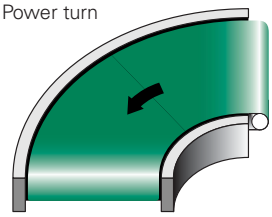
Various live roller
conveyors

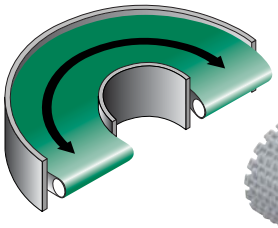


Live roller
curve with
round belt

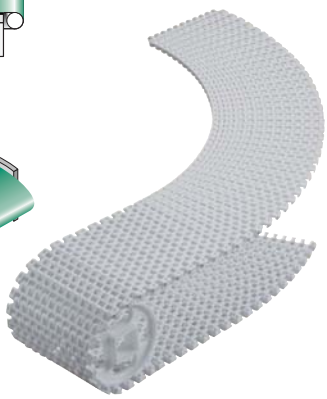


Power turn

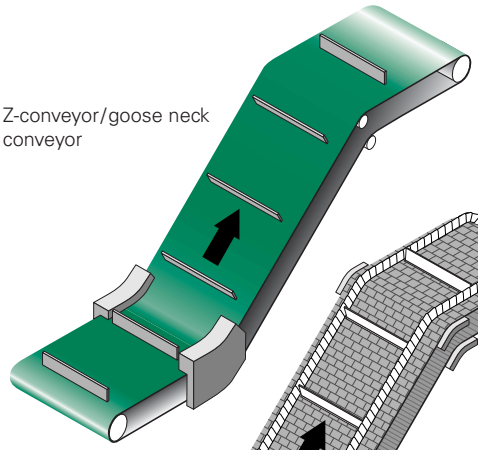


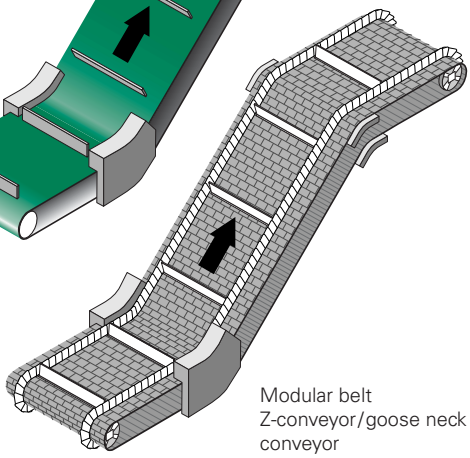


Modular belt
radius conveyor



Z-conveyor/goose neck
conveyor

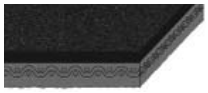
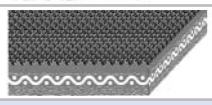




Modular belt
Z-conveyor/goose neck
conveyor

Ulti-Mate "S" Series

Habasit, the original manufacturer of nonwoven belting, continues to provide the material handling market with high-performance products. Our Ulti-Mate "S" Series belts are designed to alleviate many problems associated with standard woven and nonwoven PVC belts currently used in unit/package handling applications.

Belt Type	Pictures	Application
UMS130SC-B		Accumulation, Diverting, Horizontal Transport, Side Loading
UMS130LR-B		Acceleration, Incline/Decline, Metering
UMS130EMB-B		Horizontal Transport, Public View Conveyors
UMS130RT-B		Acceleration, Incline/Decline, Metering

Features and Benefits:
Nonwoven construction : *reduces noise generation, eliminates edge fray and delamination, and reduces energy consumption.*
SBR rubber saturant : *minimizes build-up of contaminants which lessens conveyor cleaning and marking of packages.*
Anti-static properties : *eliminates shock to plant personnel and sensitive electronic equipment.*

Live Roller Belts

Narrow Live Roller Belts

Systems utilizing narrow (<2 inch), high efficiency belts, usually spliced on the system or installed endless.

Habasit's high efficiency, flat power transmission belts are commonly used by manufacturers of live roller conveyors at narrow widths, even on long conveyors, because of their outstanding characteristics.

The TC, TCF and TF series flat power transmission belts offer:

- Excellent dimensional stability in changing environmental conditions (humidity, temperature) which means no re-tensioning
- Very high strength, yet very flexible, highly engineered design which reduces energy consumption, component sizes, and extends belt life
- Easy and quick joining on the conveyor with Habasit tools that do not require adhesives for bonding

Habasit also offers several high strength HabaFLOW® conveyor belts that can be utilized in low pressure accumulation applications, or that can be used with a v-guide installed to support tracking.

Wide Live Roller Belts

Systems utilizing wider conveyor belt (>2 inch) which is usually laced.

Habasit's premium wide live roller belts are found in the Ulti-Mate® range. The Ulti-Mate® products are engineered with a nonwoven belt construction which provides many advantages over standard domestic PVC belts.

The Ulti-Mate® belts, without PVC covers, have additional advantages over other nonwoven belts in that they are saturated with rubber materials instead of PVC. This eliminates "pick-off" or marking of rollers which can leave black marks on packages.

The Ulti-Mate® series belts (UM, UMS) are also anti-static, so will "bleed off" static charges which may build up and ruin sensitive electronic readers or sensors or shock line workers.

The TrackMate® series of live roller belts are a more economical option for a nonwoven belt. They too offer low noise running and unparalleled lace holding.

	2PN120/GPSE	Allveyor FBS	Allveyor COS	Allveyor CBS	Allveyor RT	APH120FBS	APH150HTS	APH120RT	Habicord/Polycord	HabasitLINK® PMB	HAL-12E	HSW-5EB	NAB-10ELBV	NAJ-8EEBV	NAL-12ELBV	NHB-10EKBV	NHM-10EKBV07	NNT-10ENBU	NNT-12ECDV	NNT-20ECDV	NSL-10ELBV	NSW-5ELAV	R2-160RTXB-GP	RPH2-160TXB-FR	RPH2-90TXB-FR	RPH2-90BXB-FR	RPH3-135BXB-FR	RPH3-200BXB-FR	RPH3-265BXB-FR	SAQ-8E07	SAW-5E07	TC & TCF Series	TF- (Armid) Series	TM120FBS-B	TM120LR-B	TM120RT-B	TM447-B	TMIPH135LR	TMIPH529FBS	TMIPH533EMB	TMIPH633EMB	UM100SC-B	UM130HMBBS-B	UM130HMSD-B	UM220SC-B	UMPH140BWPT	UMS130EMB-B	UMS130LR-B	UMS130RT-B	UMS130SC-B
PRIMARY INPUT STAGE																																																	
Telescopic (extendable) Conveyor		•	•			•				•			•			•	•	•							•								•						•	•	•	•	•		•			•
Picking belt		•	•			•	•			•						•	•	•	•	•						•	•	•	•				•						•	•	•	•	•	•	•			•
Infeed Belt System		•	•			•				•			•			•	•																•							•	•	•	•	•		•			•
Infeed Live Roller Conveyor		•	•	•		•	•																								•	•						•	•	•		•	•					
UNSCRAMBLING, MERGING, SINGULATION																																																	
Parallel merge		•				•	•			•								•	•	•						•	•	•	•				•							•	•		•	•	•				•
Sawtooth merge LRC		•				•	•											•	•	•						•							•							•	•		•	•	•				•
Overhead impact load.							•			•																														•	•	•		•	•	•				•
ACCUMULATION																																																		
Belt accumulation		•				•	•			•								•	•	•						•	•	•	•				•							•			•	•					•
LRC accumulation		•	•			•	•												•	•													•	•							•		•	•	•				•
ALIGNING, PLACING IN FILE, FLOW CONTROL																																																	
Belt diverter - diverting belt			•		•	•	•	•		•			•	•							•														•	•	•												
Belt diverter - bottom belt		•				•	•			•								•	•	•						•	•	•	•						•				•			•	•	•	•				
LRC diverter		•	•			•	•												•	•														•						•			•	•	•				•
GAPPING																																																	
Feeder	•		•		•	•	•	•		•		•	•	•	•						•		•	•	•					•	•				•	•	•	•							•			
Accelerator	•				•		•	•		•	•	•		•	•						•	•	•	•	•					•	•				•	•	•	•							•			
GENERAL TRANSPORT																																																	
Belt system		•	•	•		•	•			•						•	•	•	•	•				•			•	•	•						•				•	•	•	•	•		•			•
LRC system - line shaft																																																	
LRC system - flat belt		•	•	•		•	•																									•	•							•	•		•	•	•				
INCLINES, DECLINES																																																	
<15 degrees	•		•	•	•	•	•	•		•		•	•	•	•						•		•	•	•					•	•				•	•	•	•						•	•			
15 - 25 degrees	•				•		•			•	•	•		•	•						•		•							•	•				•	•	•	•						•	•			
>25 degrees	•										•				•						•		•							•	•				•			•						•	•			
POWERTURNS																																																	
Beltcurves						•						•																					•	•						•	•	•	•	•	•	•	•			•
Round belt curve									•																																									
IDENTIFICATION																																																	
Weighing										•		•				•	•														•			•							•	•				•	•	•
Scanning (OCR), Labeling		•	•	•						•						•	•														•			•							•	•	•	•	•				•
INDUCTION																																																	
Indexing	•				•			•		•	•	•		•	•						•		•	•	•					•	•				•	•	•	•							•	•			
Metering (Acceleration)	•				•			•		•	•	•		•	•						•		•	•	•					•	•				•	•	•	•							•	•			
Infeed (straight)	•		•	•	•			•		•		•	•	•	•						•		•		•					•	•				•	•	•	•						•	•	•			
Infeed 45° multistrand	•		•		•			•				•	•	•	•						•		•		•					•	•				•	•	•	•							•	•			
Infeed 45° single belt	•											•			•							•								•	•				•	•	•	•							•	•	•		
SORTING (w. belts only)																																																	
Pusher sorter		•				•	•			•								•	•	•						•	•	•	•						•				•			•	•	•	•				•
Pop-up sorter		•					•									•	•		•							•									•						•	•	•	•	•		•			•
Cross belt sorter												•			•						•	•								•																					
OUTFEEDING																																																	
Belt Outfeed System		•	•			•				•			•			•	•																•							•	•	•	•	•					•
LRC outfeed		•	•	•			•																									•	•										•	•					
FINAL STAGE (TAKE AWAY)																																																	
Decelerator belt	•				•			•		•	•	•		•	•						•	•	•	•						•	•				•	•	•	•	•	•						•	•			
Telescopic (extendable) conveyor							•			•						•	•								•										•				•	•	•		•	•					•

Product group	Belt type	PLY	For slider bed	For carrying roller	Low noise, back side	Permanently anti-static	Metal detector suitable	Troughing suitable	Power turn 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
Standard	SAB-8E07	2	•	•	•	•	-	-	-	-	PET	A	PVC	blank	dark grey	PET	fabric	off-white
	SAB-12E07	2	•	•	-	•	-	-	-	-	PET	A	PVC	blank	dark grey	PET	fabric	light grey
	SAB-18E	2	-	•	-	•	-	-	-	-	PET	A	PVC	sand	dark grey	PVC	waffle	dark grey
	SAG-8E07	2	•	•	-	•	-	-	-	-	PET	A	PVC	mini roughtop	dark grey	PET	fabric	off-white
	SAG-12E	2		•	-	•	-	-	-	-	PET	A	EPDM	roughtop	dark grey	PET	fabric	off-white
	SAQ-8E07	2	•	•	-	•	-	-	-	-	PET	A	PVC	quadrille	dark grey	TPU	impreg.	off-white
	SAW-5E07	2	•	•	-	•	-	-	-	-	PET	A	PVC	waffle	dark grey	TPU	impreg.	light grey
	SNB-8E07	2	•	•	•	•	-	-	-	-	PET	N	PVC	sand	dark grey	PET	fabric	off-white
	SNB-12E07	2	•	•	-	•	-	-	-	-	PET	N	PVC	sand	dark grey	PET	fabric	light grey
	SNB-18E07	3	•	•	•	•	-	-	-	-	PET	N	PVC	sand	dark grey	PET	fabric	off-white
N-Line	NAB-10ELBV	2	•	•	•	•	-	-	-	-	PET	A	PVC	blank	black	PET	fabric	grey
	NAB-15EVDV	2	-	•	-	-	•	-	-	-	PET	A	PVC	blank	dark green	PVC	waffle	dark green
	NAB-18EEAV	3	•	•	-	•	•	-	-	-	PET	A	PVC	diagonal wave	dark grey	PET	fabric	grey
	NAJ-8EEBV	2	•	•	-	•	-	-	-	-	PET	A	PVC	roughtop	black	PET	fabric	grey
	NAL-12ELBV	2	•	•	•	-	•	-	-	-	PET	A	PVC	long. groove	black	PET	fabric	light green
	NHB-10EKBV	2	•	•	•	•	•	-	-	-	PET	N	PVC	matt	black	PET	fabric	grey
	NHB-10ESBV	2	•	•	•	•	•	-	-	ISO	PET	N	PVC	blank	black	PET	fabric	grey
	NHM-10EKBV07	2	•	•	•	•	•	-	-	-	PET	N	PVC	super-matt	black	PET	fabric	grey
	NMB-11ESBV	2	•	•	-	•	-	•	•	ISO	PET	M	PVC	blank	black	PUR	impreg.	black
	NNT-10ENBU	2	•	•	•	•	-	-	-	-	PET	N	PUR	impregnated	black	PET	fabric	grey
	NNT-10ESBU	2	•	•	•	•	-	-	-	ISO	PET	N	PUR	impregnated	black	PET	fabric	grey
	NNT-12ECDV	2	•	•	•	•	-	•	•	-	PET	N	PVC	impregnated	dark green	PUR	impreg.	black
	NNT-20ECDV	3	•	•	•	•	-	•	•	-	PET	N	PVC	impregnated	dark green	PUR	impreg.	black
	NSL-10ELBV	2	•	•	•	•	•	-	-	-	PET	S	PVC	long. groove	black	PET	fabric	grey
	NSL-10ESBV	2	•	•	•	•	-	-	-	ISO	PET	S	PVC	long. groove	black	PET	fabric	grey
	NSL-11ESBV	2	•	•	•	•	-	-	-	ISO	PET	S	PVC	long. groove	black	PET	fabric	grey
	NSW-5ELAV	1	•	•	-	•	•	-	-	-	PET	S	PVC	waffle	dark grey	PET	fabric	grey
	NVT-298	2	•	•	•	•	•	-	-	-	PET	A	PVC	quadrille	black	PET	fabric	light grey
Habasit UK	2PN120/GP SE	2	•	•	-	•	•	○	•	ISO	PET	A	PVC	long. groove	black	PET	fabric	white
High Duty	HAL-12E	2	•	•	-	•	-	•	-	-	PET	S	EPDM	long. groove	green	PUR	impreg.	black
	HSL-8E	2	•	•	-	•	-	-	-	-	PET	S	TPU	long. groove	dark green	TPU	impreg.	grey
	HSW-5EB	2	•	•	-	•	-	•	•	-	PET	S	TPU	waffle	black	PET	fabric	grey
Rubber	R2NCOS-B	2	•	•	-	•	-	○	-	-	PET	A	NBR	blank	black	NBR	impreg.	black
	R2-160RTXB-GP	2	•	•	-	•	-	○	-	-	PET	A	SBR	roughtop	black	RFL	impreg.	black
	RGLIDE-T	4	•	•	-	•	-	○	-	-	PET	A	NPRN	smooth	tan	NPRN	impreg.	tan
	R3GUMRT-T	3	•	•	-	-	-	○	-	-	PET	A	NR	roughtop	tan	RFL	impreg.	tan
	RPH2-90BXB-FR	2	•	-	-	•	-	-	-	MSHA	PET	N	RFL	impregnated	black	RFL	impreg.	black
	RPH2-90TXB-FR	2	•	-	-	•	-	-	-	MSHA	PET	A	NPRN	fine textile	black	RFL	impreg.	brown
	RPH2-160TXB-FR	2	•	•	-	•	-	•	•	MSHA	PET	A	NPRN	fine textile	black	RFL	impreg.	brown
	RPH2-160RTXB-FR	2	•	•	-	•	-	•	•	MSHA	PET	S	NPRN	roughtop	black	RFL	impreg.	brown
	RPH3-135BXB-FR	3	•	•	-	•	-	-	-	MSHA	PET	N	RFL	impregnated	black	RFL	impreg.	black
	RPH3-200BXB-FR	3	•	•	•	•	-	-	-	MSHA	PET	N	RFL	impregnated	black	RFL	impreg.	black
	RPH3-200TXB-FR	3	•	•	-	•	-	-	-	MSHA	PET	A	NPRN	fine textile	black	RFL	impreg.	black
	RPH3-265BXB-FR	3	•	•	-	•	-	-	-	MSHA	PET	N	RFL	impregnated	black	RFL	impreg.	black
	RPH3-265TXB-FR	3	•	•	-	•	-	-	-	MSHA	PET	A	NPRN	fine textile	black	RFL	impreg.	black

Class of chemical resistance	Joining	Thickness [in.]	Mass of belt per square foot (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]	Maximum Continuous [°F]	Coefficient of friction μ of back side on steel driving pulley / ss sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt type
3	F,T,L	0.08	0.49	1.3	57	91	23	158	0.15 / 0.15	126	36SP	-	SAB-8E
3	F,T,L	0.10	0.59	1.9	91	148	23	158	0.15 / 0.15	126	1-A	-	SAB-12E
3	F,T,L	0.16	0.98	3.1	126	166	23	158	0.35 / -	94	2SP	-	SAB-18E
3	F,T,L	0.16	0.76	1.3	51	69	14	140	0.15 / 0.15	94	36SP	-	SAG-8E
4	T,L	0.20	0.86	2.4	69	114	-22	212	0.15 / 0.15	47	36	-	SAG-12E
3	F,T,L	0.08	0.49	1.3	51	80	14	140	0.15 / -	126	36SP	-	SAQ-8E
3	F,T,L	0.07	0.37	0.8	34	51	23	122	0.15 / 0.15	126	36SP	-	SAW-5E
3	F,T,L	0.08	0.49	1.3	57	91	23	158	0.15 / 0.15	126	36SP	-	SNB-8E
3	F,T,L	0.10	0.59	2.4	91	148	23	158	0.15 / 0.15	126	36	-	SNB-12E
3	F,T,L	0.13	0.80	3.1	103	166	23	158	0.15 / 0.15	126	UX-1	-	SNB-18E
3	F,L	0.08	0.51	0.9	46	46	14	158	0.15 / 0.15	118	36LLSP	-	NAB-10ELBV
3	F,L	0.12	0.72	1.9	86	86	14	158	0.35 / -	118	36LL	-	NAB-15EVDV
3	F,L	0.19	1.15	5.0	103	103	14	158	0.15 / 0.15	118	2HT	-	NAB-18EEAV
3	F,L	0.21	0.92	2.4	46	46	14	158	0.15 / 0.15	118	36LL	-	NAJ-8EEBV
3	F,L	0.11	0.61	2.0	69	69	14	158	0.15 / 0.15	118	36LL	-	NAL-12ELBV
3	F,L	0.08	0.51	0.9	51	51	32	158	0.15 / 0.15	118	36LLSP	-	NHB-10EKBV
3	F,L	0.12	0.76	1.6	57	57	32	158	0.15 / 0.15	118	1	-	NHB-10ESBV
3	F,L	0.08	0.51	1.6	46	46	14	158	0.15 / 0.15	118	36SLSP	-	NHM-10EKBV07
3	F,L	0.10	0.61	2.4	57	57	32	176	0.15 / 0.15	118	36	-	NMB-11ESBV
3	F,L	0.08	0.49	1.2	57	57	32	176	0.15 / 0.15	118	36LLSP	-	NNT-10ENBU
3	F,L	0.12	0.72	1.6	57	57	14	176	0.15 / 0.15	118	36	-	NNT-10ESBU
3	F,L	0.09	0.57	3.1	69	69	14	176	0.15 / 0.15	106	36LLSP	-	NNT-12ECDV
3	F,L	0.14	0.82	5.0	114	114	14	176	0.15 / 0.15	106	36LL	-	NNT-20ECDV
3	F,L	0.09	0.51	1.2	57	86	14	140	0.15 / 0.15	118	36LLSP	-	NSL-10ELBV
3	F,L	0.09	0.51	1.6	57	57	14	176	0.15 / 0.15	118	36LL	-	NSL-10ESBV
3	F,L	0.12	0.72	1.6	57	57	14	176	0.15 / 0.15	118	36SP	-	NSL-11ESBV
3	F,L	0.05	0.27	0.8	29	29	14	158	0.15 / 0.15	118	36SLXSP	-	NSW-5ELAV
3	F,L	0.09	0.49	1.6	57	-	14	158	0.15 / -	118	36SLSP	-	NVT-298
3	F,L	0.12	0.72	2.4	57	91	14	176	0.15 / -	59	UX1SP	-	2PN120/GP SE
4	T,F,L	0.10	0.51	1.9	114	114	-22	212	0.15 / 0.15	47	36SP	-	HAL-12E
6	F,T,L	0.07	0.41	0.8	46	69	-22	176	0.15 / 0.15	94	36SLXSP	-	HSL-8E
6	F,T,L	0.06	0.34	0.6	34	46	-22	176	0.15 / 0.15	94	36SLSP	-	HSW-5EB
#	L,T	0.099	0.70	2.0	-	30	0	175	- / -	72	1A	#7	R2NCOS-B
#	L,T	0.226	1.10	2.0	-	150	-40	250	- / 0.40	72	2SP	#15	R2-160RTXB-GP
#	L,T	0.106	0.68	2.0	-	48	0	250	- / 0.30	72	36SP	#1	RGLIDE-T
#	L,T	0.275	1.23	2.5	-	150	-40	250	- / 0.30	-	3	#15	R3GUMRT-T
#	L	0.100	0.49	2.0	90	-	-20	180	- / 0.15	78	1	#7	RPH2-90BXB-FR
#	L	0.135	0.80	2.0	90	-	-20	180	- / 0.16	78	1	#7	RPH2-90TXB-FR
#	L	0.140	0.82	4.0	160	-	-20	180	- / 0.16	72	2HT	#15	RPH2-160TXB-FR
#	L	0.250	1.11	3.0	160	-	-20	180	- / 0.18	72	4	#27	RPH2-160RTXB-FR
#	L	0.145	0.85	3.5	135	-	-20	180	- / 0.15	78	3HT	#15	RPH3-135BXB-FR
#	L	0.145	0.85	3.5	200	-	-20	180	- / 0.15	78	3HT	#15	RPH3-200BXB-FR
#	L	0.180	1.10	3.5	200	-	-20	180	- / 0.15	78	3HT	#20	RPH3-200TXB-FR
#	L	0.185	1.10	8.0	265	-	-20	180	- / 0.15	78	5	#20	RPH3-265BXB-FR
#	L	0.200	1.30	8.0	265	-	-20	180	- / 0.15	78	4	#25	RPH3-265TXB-FR

Explanations
• = applicable
○ = conditionally applicable
- = not applicable

EPDM = ethylene propylene terpolymer
IMPREG. = impregnated
NBR = acrylo-nitrile-butadiene rubber
NPRN = Neoprene
PET = polyester
PUR = polyurethane, cross-linked
PVC = polyvinylchloride
RFL = resorcinol formaldehyde latex
SBR = styrene butadiene rubber
TPU = polyurethane, thermo-plastic

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

Joining
T = Thermofix
F = Flexproof
L = Laced

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

= reference NIBA Chemical Resistance Guide

Product group	Belt type	PLY	For slider bed	For carrying roller	Low noise, back side	Permanently anti-static	Metal detector suitable	Troughing suitable	Power turn 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
Extraline	EMB-27EHBT	3	•	•	-	•	-	-	-	-	PET	M	TPU	blank	black	TPU	impreg.	white
Allveyor®	A90COS-B	-	•	•	-	-	-	○	-	-	PET	A	PVC	blank	black	PVC	impreg.	black
	A90FBS-B	-	•	•	-	-	•	○	-	-	PET	N	PVC	impregnated	black	PVC	impreg.	black
	A120COS-B	-	•	•	-	-	-	○	-	-	PET	A	PVC	blank	black	PVC	impreg.	black
	A120CBS-B	-	-	•	-	-	-	○	-	-	PET	A	PVC	blank	black	PVC	blank	black
	A120CHEV-B (SS)	-	•	•	-	-	-	○	-	-	PET	A	PVC	chevron	black	PVC	impreg.	black
	A120CRES-B	-	•	•	-	-	-	○	-	-	PET	A	PVC	crescent	black	PVC	impreg.	black
	A120FBS-B	-	•	•	-	-	-	○	-	-	PET	N	PVC	impregnated	black	PVC	impreg.	black
	A120RT-B	-	•	•	-	-	-	○	-	-	PET	A	PVC	roughtop	black	PVC	impreg.	black
	A150COS-B	-	•	•	-	-	-	○	-	-	PET	A	PVC	blank	black	PVC	impreg.	black
	A150CBSMI-B	-	-	•	-	-	-	○	-	-	PET	A	PVC	blank	black	PVC	blank	black
	A150CRES-B	-	•	•	-	-	-	○	-	-	PET	A	PVC	crescent	black	PVC	impreg.	black
	A150FBS-B (SS)	-	•	•	-	-	-	○	-	-	PET	N	PVC	impregnated	black	PVC	impreg.	black
	A200COS-B (SS)	-	•	•	-	-	-	○	-	-	PET	A	PVC	blank	black	PVC	impreg.	black
	A200FBS-B (SS)	-	•	•	-	-	-	○	-	-	PET	N	PVC	impregnated	black	PVC	impreg.	black
	APH120FBS	-	•	•	-	-	-	○	-	MSHA	PET	N	PVC	impregnated	black	PVC	brushed	black
	APH120RT	-	•	•	-	-	-	-	-	MSHA	PET	A	PVC	roughtop	black	PVC	brushed	black
	APH150CHEV	-	•	•	-	-	-	•	-	MSHA	PET	A	PVC	chevron	black	PVC	brushed	black
	APH150HTS	-	•	•	-	-	-	○	-	MSHA	PET	N	PVC	brushed	black	PVC	brushed	black
	APH150RT	-	•	•	-	-	-	○	-	MSHA	PET	A	PVC	roughtop	black	PVC	brushed	black
	APH200CHEV	-	•	•	-	-	-	•	-	MSHA	PET	A	PVC	chevron	black	PVC	brushed	black
	APH200HFS	-	•	•	-	-	-	-	-	MSHA	PET	N	PVC	impregnated	black	PVC	brushed	black
	APH200PLFS	-	•	•	-	-	-	•	-	MSHA	PET	N	PVC	blank	black	PVC	brushed	black
TrackMate®	TM120FBS-B	-	•	•	•	-	•	○	•	MSHA	PET	N	PVC	impregnated	black	PVC	impreg.	black
	TM120LR-B	-	•	•	•	-	•	○	•	MSHA	PET	A	PVC	long. groove	black	PVC	impreg.	black
	TM120RT-B	-	•	•	•	-	•	○	•	-	PET	A	PVC	roughtop	black	PVC	impreg.	black
	TM447-B	-	•	•	•	-	•	○	•	MSHA	PET	A	PVC	roughtop	black	PVC	impreg.	black
	TMIPH135LR	-	•	•	•	-	•	○	•	ISO	PET	S	PVC	long. groove	black	PVC	impreg.	black
	TMIPH529FBS	-	•	•	•	-	-	-	•	ISO	PET	N	PVC	impregnated	black	PVC	impreg.	black
	TMIPH533EMB	-	•	•	•	-	-	○	•	ISO	PET	M	PVC	embossed	black	PVC	impreg.	black
	TMIPH633EMB	-	•	•	•	•	-	○	•	ISO	PET	A	PVC	embossed	black	PVC	impreg.	black
Ulti-Mate®	UM100SC-B	-	•	•	•	•	-	-	•	-	PET	N	NBR	buffed	black	NBR	buffed	black
	UM155SC-B	-	•	•	•	•	-	○	•	-	PET	M	NBR	buffed	black	NBR	buffed	black
	UM130HMBBS-B	-	•	•	•	-	-	○	•	-	PET	A	NBR	impregnated	black	NBR	buffed	black
	UM130HMSD-B	-	•	•	•	•	-	○	•	-	PET	A	NBR	impregnated	black	NBR	impreg.	black
	UM220SC-B	-	•	•	•	•	-	-	•	-	PET	N	NBR	buffed	black	NBR	buffed	black
	UMPH140BWPT	-	•	•	-	•	-	•	•	-	PET	M	PUR	embossed	black	PUR	impreg.	black
	UMS130EMB-B	-	•	•	•	•	-	○	•	-	PET	M	SBR	embossed	black	SBR	impreg.	black
	UMS130LR-B	-	•	•	•	•	-	○	•	-	PET	S	SBR	long. groove	black	SBR	buffed	black
	UMS130RT-B	-	•	•	•	•	-	○	•	-	PET	S	SBR	roughtop	black	SBR	impreg.	black
	UMS130SC-B	-	•	•	•	•	-	○	•	-	PET	N	SBR	impregnated	black	SBR	impreg.	black

Class of chemical resistance	Joining	Thickness [in.]	Mass of belt per square foot (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]	Maximum Continuous [°F]	Coefficient of friction μ of back side on steel driving pulley / ss sliderbed	Manufacturing width [in.]	Clipper (all lacing recommendations are approximate)	Alligator/Staple (all lacing recommendations are approximate)	Belt type
6	F,T,L	0.11	0.61	3.1	154	251	14	158	0.15 / 0.15	59	UX1SP	#7	EMB-27EHBT
3	L,F	0.115	0.73	2.0	-	90	-10	180	- / 0.35	72	1-A	#7	A90COS-B
3	L,F	0.108	0.56	2.0	69	137	-10	180	0.30 / 0.45	72	36	#7	A90FBS-B
3	L,F	0.135	0.83	3.1	120	137	-10	180	0.20 / 0.30	72	1	#7	A120COS-B
3	L,F	0.155	1.04	3.0	-	120	-10	180	0.90 / -	72	1	#15	A120CBS-B
3	L,F	0.215	0.96	3.5	-	120	-10	180	- / 0.35	72	1	#7	A120CHEV-B (SS)
3	L,F	0.240	1.00	3.5	-	120	-10	180	- / 0.35	72	2	#7	A120CRES-B
3	L,F	0.125	0.68	3.1	120	115	-10	180	0.30 / 0.35	72	1	#15	A120FBS-B
3	L,F	0.230	0.97	3.1	120	137	-10	180	0.20 / 0.20	72	2	#15	A120RT-B
3	L,F	0.165	1.04	4.0	80	160	-10	180	0.25 / 0.30	72	2HT	#20	A150COS-B
3	L	0.195	1.22	3.5	57	160	-10	180	0.40 / -	72	2	#25	A150CBSMI-B
3	L,F	0.250	1.06	3.5	-	150	-10	180	- / 0.35	72	2	#7	A150CRES-B
3	L,F	0.150	0.81	3.0	-	150	-10	180	- / 0.35	72	1	#15	A150FBS-B (SS)
3	L,F	0.220	1.27	6.0	114	183	-10	180	0.30 / 0.45	72	4	#27	A200COS-B (SS)
3	L,F	0.190	1.08	6.0	-	200	-10	180	- / 0.35	72	3	#25	A200FBS-B (SS)
3	L,F,T	0.150	0.59	3.1	69	183	-10	180	0.25 / 0.30	72	2HT	#27	APH120FBS
3	L,F	0.260	0.90	3.0	120*	-	-10	180	- / 0.24	72	2HT	#125	APH120RT
3	L	0.290	1.50	4.0	126	200	-10	180	0.25 / 0.30	72	3HT	#125	APH150CHEV
3	L,F,T	0.195	0.90	4.0	126	257	-10	180	0.25 / 0.30	72	3HT	#25	APH150HTS
3	L	0.275	1.08	3.5	150*	-	-10	180	- / 0.24	72	2HT	#15	APH150RT
3	L	0.300	1.50	4.0	-	200	-10	180	0.25 / 0.30	72	3HT	#35	APH200CHEV
3	L,F	0.205	1.20	4.0	114	183	-10	180	0.25 / 0.30	72	3HT	#25	APH200HFS
3	L	0.206	1.50	4.0	114	200	-10	180	0.25 / 0.30	72	3HT	#125	APH200PLFS
3	F,T,L	0.100	0.74	1.6	69	180	-10	180	0.20 / 0.20	72	1	#62	TM120FBS-B
3	F,T,L	0.155	0.90	1.6	69	180	-10	180	0.25 / 0.20	72	2SP	#125	TM120LR-B
3	F,L	0.225	0.88	2.8	69	180	-10	180	0.20 / 0.20	72	1	#125	TM120RT-B
3	F,L	0.255	1.14	3.0	69	180	-10	180	0.25 / 0.20	72	2	#125	TM447-B
3	F,T,L	0.173	0.88	3.0	52	180	-10	180	0.25 / 0.20	72	2HT	#125	TMIPH135LR
3	F,L	0.125	0.76	3.0	69	180	-10	180	0.25 / 0.20	72	2HT	#125	TMIPH529FBS
3	F,L	0.150	0.96	3.1	69	180	-10	180	0.25 / 0.20	72	2HT	-	TMIPH533EMB
3	T,L	0.150	0.96	2.0	69	180	-10	180	0.25 / 0.20	72	2HT	-	TMIPH633EMB
5	F,L	0.100	0.43	1.0	46	137	10	212	0.35 / 0.30	72	36SLSP	#62	UM100SC-B
5	F,L	0.140	0.47	2.0	46	160	10	212	0.30 / 0.30	72	2	#125	UM155SC-B
5	L,F	0.140	0.47	2.0	57	68	10	212	0.35 / 0.25	72	2SP	#125	UM130HMBBS-B
5	F,L	0.145	0.51	2.0	-	130	10	212	- / 0.20	72	2SP	#125	UM130HMSD-B
5	F,L,T	0.220	0.84	4.0	135**	135	10	212	- / 0.40	72	3	#187	UM220SC-B
5		0.106	0.50	2.0	75	150	10	212	- / 0.23	79	1HT	-	UMPH140BWPT
3	F,L	0.160	0.68	2.0	70	125	-10	180	0.30 / 0.24	72	2SP	#15	UMS130EMB-B
3	F,L	0.170	0.84	2.0	70	125	-10	180	0.30 / 0.24	72	2SP	#15	UMS130LR-B
3	F,L	0.250	0.06	2.0	70	125	-10	180	0.30 / 0.24	72	2SP	#15	UMS130RT-B
3	F,L	0.130	0.48	2.0	70	125	-10	180	0.30 / 0.24	72	2SP	#15	UMS130SC-B

Explanations
• = applicable
○ = conditionally applicable
- = not applicable

BBS = buffed both sides
COS = cover one side
FBS = friction both sides
IMPREG. = impregnated
NBR = acrylo-nitrile-butadiene rubber
PET = polyester
PUR = polyurethane, cross-linked
PVC = polyvinylchloride
SBR = styrene butadiene rubber
SS = slab only
TPU = polyurethane, thermo-plastic

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

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

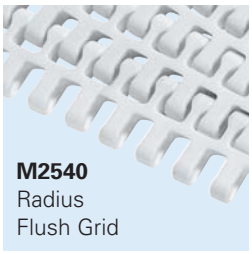
= reference NIBA Chemical Resistance Guide

Features and benefits of HabasitLINK® products for the Material Handling Industry

M2520
Flat Top

M2520
Roller Top

M2540
Roller Top



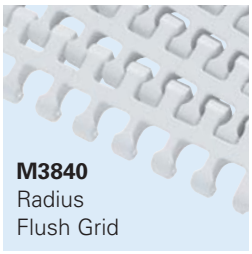
M2540
Radius
Flush Grid

M2540
Grip Top

M2670
Flat Top

M2670
Grip Top

M3800
Grip Top



M3840
Radius
Flush Grid

M3840
Roller Top

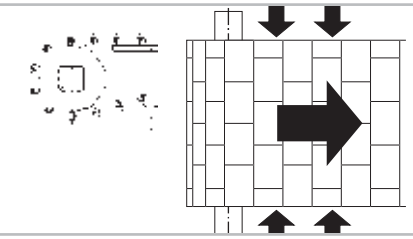
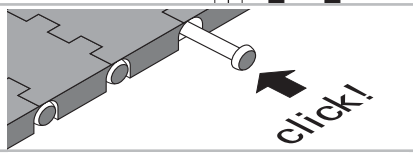
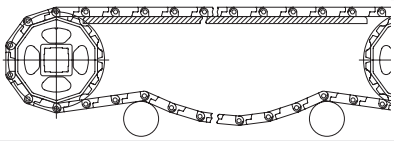
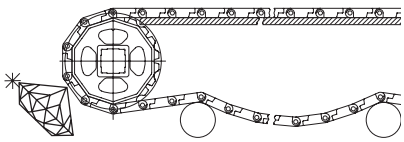
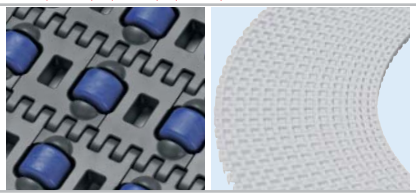
M3892
Raised
Deck Radius

M5015
Grip Top

M5020
Flat Top
Heavy Duty

M5182
Transverse
Roller Top

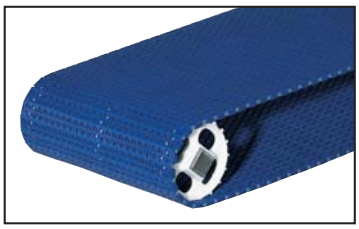
M6420
Flat Top

	Features	Benefits
	• Excellent tracking due to sprocket design and engagement	➡ Eliminates tracking problems with side loaded applications
	• Easy and quick assembly with snap-in rods	➡ Reduced downtime due to quick and easy belt repair
	• Low tension system due to mechanical engagement of sprockets with belt (positive drive)	➡ Reduced shaft, bearing loads and motor requirements
	• Variety of materials and module designs to provide superior cut, gouge resistance	➡ Extended belt life, reduced downtime
	• Variety of materials and module designs for all operating environments	➡ Belts for low temps, high temps, with FR properties, anti-static properties
	• Roller top belts available • Radius belts available	➡ Reduced/zero pressure accumulation and diverting ➡ Longer runs w/o transfers, fewer motors required, flexibility in design

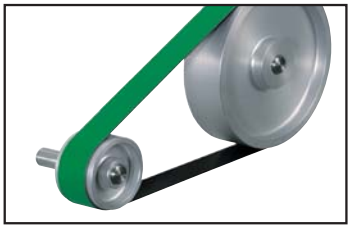
Worldwide leading product range
Habasit offers the largest selection of belting and related accessories in the industry.
Our response to any request is nothing less than a specific, tailor-made solution.

A selection of our product ranges:

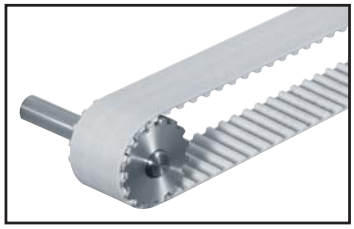
HabaFLOW®
Fabric based conveyor and processing belts



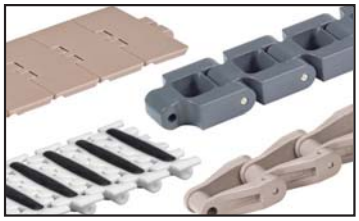
HabasitLINK® / KVP®
Plastic modular belts



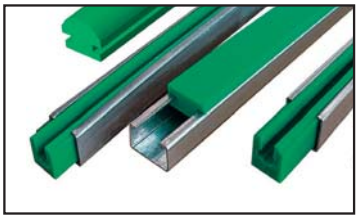
HabaDRIVE®
Power transmission belts



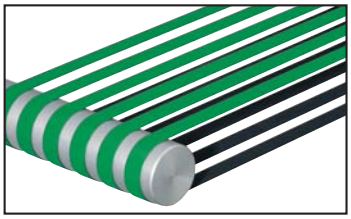
HabaSYNC®
Timing belts



HabaCHAIN®
Chains (slat and conveyor chains)

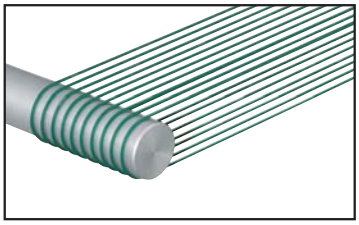


HabiPLAST®
Profiles, Guides, Wear strips



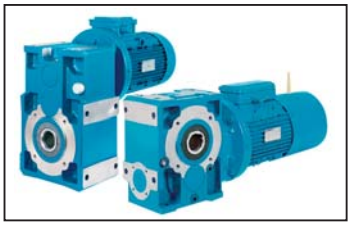
Hamid® and Traditional
Machine tapes

Seamless belts

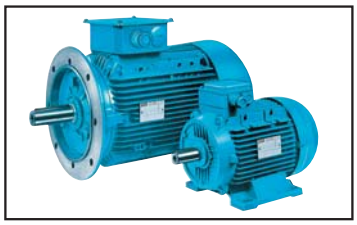


Polycord®
Round belts

Fabrication tools



Rossi
Gear Reducers & Gearmotors



Electric motors

At Habasit, we listen to our customers, innovate continuously and deliver reliable solutions to meet your every need.

Customers come first
At Habasit we understand that our success depends on your success. We offer solutions, not just products; partnership, not just sales. Since our foundation in 1946, Habasit has brought this understanding of customer needs to life every day and for every application. That's why we're recognized as the market leader in light weight belting.

Committed to innovation
Habasit is strongly committed to the continuous development of innovative, value-added solutions. Over 3% of our staff are dedicated exclusively to R&D, and our annual investment in this area exceeds 5% of sales.

Certified for quality
We deliver the highest quality not only in our products and solutions, but also in our employees' daily work processes. Habasit is certified according to ISO 9001:2000.

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