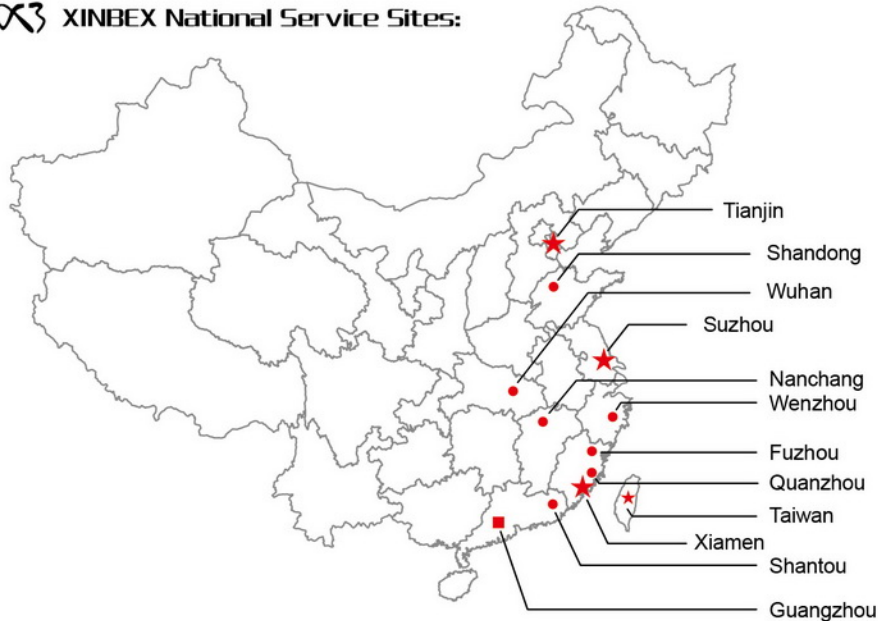


XINBEX National Service Sites:



Service Hotline: 0086-400-884-2268



Manufacturing Base:

Xiamen Xinxex(Hee) Belting Co.,Ltd.

ADD: Building 45th, Zhennan seven road,
Tongan district, Xiamen
TEL: 0086-592-5128621 7216300 (20线)
0086-592-5038201 2656322
FAX: 0086-592-7216310 7216320
E-mail:xinbex@xinbex.com

Suzhou Xinxex Belting Co.,Ltd.

ADD: Hucundang road 12th, Caohu industrial
park, Xiangcheng district, Suzhou
TEL: 0086-512-69355369
FAX: 0086-512-66091767
E-mail:xinbex@xinbex.com

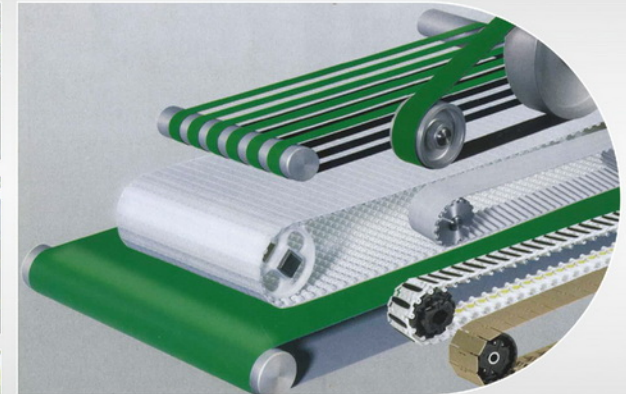
Tianjin Xinxex Belting Co.,Ltd.

ADD: Houtai zhongbei industrial park B-H-E24,
Xiqing district, Tianjin
TEL: 0086-022-23626914 23626924
0086-022-23626934
FAX: 0086-022-23626944
E-mail:xinbex@xinbex.com



Belting Solutions

Conveyor Belts – Flat Transmission Belts



Comprehensive Transmission and Conveyor Solutions



Xinbex Industrial Belts

INTRODUCTION



TOYO BELT MASTER PHILIPPINES INCORPERATED works with technical cooperation of XINBEX BELT CHINA.

XIAMEN XINBEX BELT CO.,LTD, was found in 1998, one of the most reputed belt solution supplier in China. XINBEX headquarter set up in XIAMEN city, and subsidiary manufacturer in SUZHOU and TIANJIN city, opening offices in 10 cities in China.

XINBEX continues to prove its commitment to being an innovation-driven, results-oriented, well-managed company. We invest continuously in advanced production lines and equipment to meet our customers' diversified need around the world.

MISSION

- Lower the cost
- Efficiency Promoting
- Energy saving
- In coordinating with customer to use the best project

■ ADVANTAGE



Rich Inventory, Fast Delivery

Feel free to contact at pre-sales, selling and after-sales



Jointing on site

On the move



Customizing Service

- Cutting
- Splicing
- Punching
- Cleats, Sidewall, V-Guides
- Selvedges

■ SPLICING AND SPECIAL PROCESSING PROJECT



Skived Splice



Finger Splice



Quickly Butt Joint



Fastener Splice



Longitudinal Splice



Selvedges



Punching



Cleats, V-Guides



Sidewall



Special Requirement



Jointing on site

Belt Kinds: Roll, Jointed, Open

Splice Method: Finger Splice, Skived Splice, Quickly Butt Joint, Fastener Splice

Special Processing: Punching, V-Guides, Cleats, Selvedges, Jointing on site etc.

Conveyor Belts Flat Transmission Belts

Products Guide



Leading Product Line:

Rich Inventory is TOYO's Advantage to provide the more options for different industry needs. Like conveyor, power transmission and so on. Its make us response quickly to market with the professional solution.

Our product line includes:



Conveyor Belts



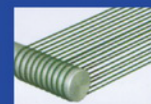
Power Transmission Belts



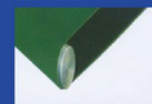
Machine Tapes



Seamless Belts



Round Belts



Elastic Belts



Timing Belts



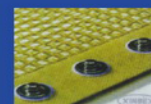
V-Belts



Multiple V-ribbed Belts



Polyurethane Timing Belts



Teflon Mesh Belts



Top chain Plates



Plastic Modular Belts



Special Belts



Synchronous Pulley

Conveyor Belts

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Flat Transmission Belts

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Technical Data

Belts Running Adjustment	15-16
Roller Design Attentions	17
Belts Usage Attentions	18

Please contact us if you need different product catalogue.

Power Transmission Belts Catalogue

Conveyor Chains
Modular Belts
Conveyor Accessories

The information only for reference.
XINBEX will make improvement basic on market demand. Please contact us if needs.

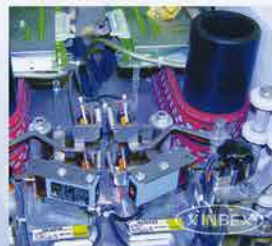
Conveyor Belts Applications



Folding Conveyor Belts (Pros & Cons Intertwined)



Lifting Hanging Belts



Suction Belts for Packing



Modern Logistics Conveying



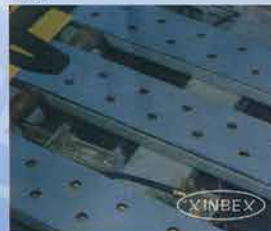
Abrasion Resistance Haul Off Belts



Pre-press Belts



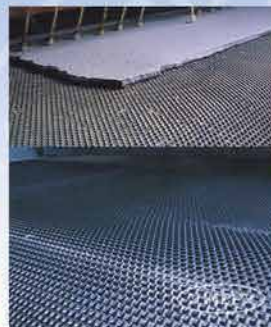
Machine Tapes (more belts hanging on one roller)



High-speed Conveying Belts with Holes



Abrasion Resistance Rubber Belts



High Friction & Antiwear Belts



Airport&Logistics Belts



Turning Belts



Spiral Turning Belts



Breakage-proof Sponge Belts



Anti-sticking Belts



Anti-skidding V Belts



Groove Lifting Belts



Knife-edge Group Belts



Food Grade Oil Resistant Anti-sticking Belts



Crisps& Biscuit Forming Belts



Crisps&Biscuits Knife-edge Belts



Knife-edge Conveyor belts

Industries Applications

Food Processing

Crisps&Biscuits Product Line
Chocolate Coating Line
Fruit Vegetable Meat Processing Line
Packing Conveying Line



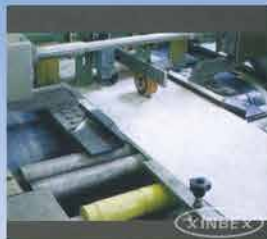
Product Line & Logistics

Electronics
Logistics&Airport
Packing Machine
Conveying Equipment



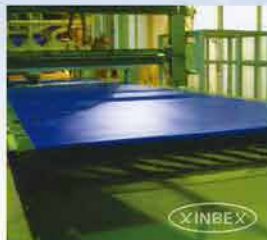
Marble & Stones

Marble, Granite, Ceramic and Polishing
processing conveyor belt



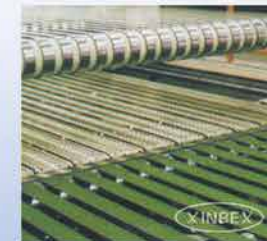
Wood Processing

Artificial board (High, medium density
board, Fiberboard, shaving board)
production line



Packing & Printing

Cardboard Production Line
Box Glued Line
Printing Line
High-temperature Drying Line



Automobile & Tyre

Cut Resistance Conveyor Belts
High Temperature Tyre Conveyor Belts



Fitness & Entertainment

Treadmill Conveyor Belts
Bowling Track Belts



Tobacco

Pipe Tobacco Production Line
Tobacco Redrying Line
Cigarette Packing Line
Conveying Equipment



Conveyor Belt Patterns



■ Note: Please call us for more patterns.

Heat Resistance, Anti-sticking and Abrasion Resistance Conveyor Belts

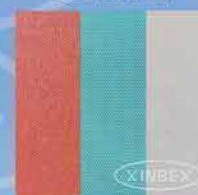
■ Fiber, Cotton and Felt Materials



Fiber Surface



Cotton (coarse, fine)



Silicone Material



Teflon



Felt (grey, white)

- Low-temperature & Heat Resistance Belts
- Excellent Anti-sticking
- Excellent Abrasion Resistance
- Protect Conveying Product against Scratch
- Solvent Resistance Belts
- Mesh Belts
- Special Adhesive Plaster



Teflon Mesh Belts
(positioning & fastening)

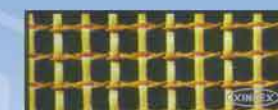


Food Industry Anti-sticking Belts

■ Teflon Mesh Belts & Flat Belts



A-01



A-02



A-03



A-04



Wet Dough Anti-sticking Belts



Steel Industry Abrasion Resistance Belts



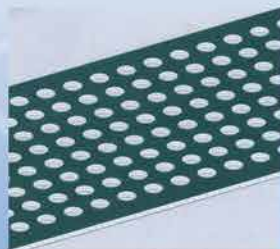
Teflon Material Products

Special Belts

TOYO also offer special processing conveyor belts for special requirement, including:
Turning belts, punching belts, knife-edge belts, sidewall belts, sponge belts, antistatic belts, felt belts,
low-noise belts, abrasion resistance belts, silicone belts, flame resistance belts, cut resistance belt etc.



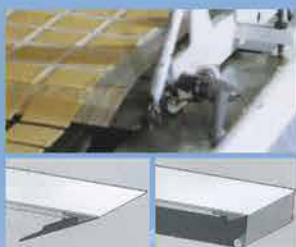
Turning Belts



Punching Belts



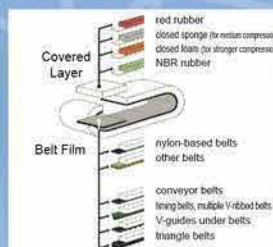
Sealed Edge Belts



Knife-edge Belts

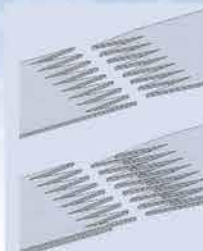


Cleats, Sidewall

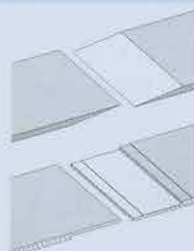


Plus-adhesive (sponge) Belts

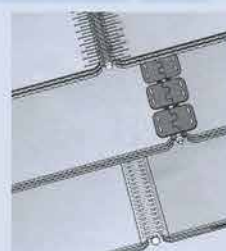
Conveyor Belts Splice



Finger Splice



Lap Splice/Skived Splice



Fastener Splice

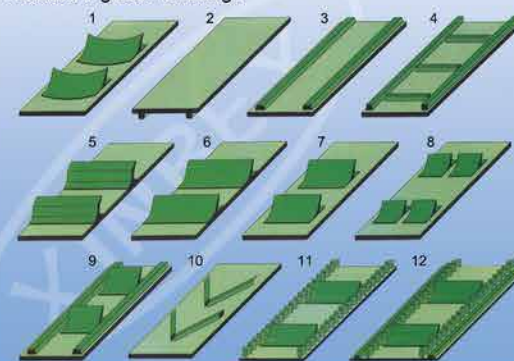


Metal Fastener

Conveyor Belts with V-guides, Cleats and Sidewall

TOYO have advantage equipment to meet the special processing or splice on site

Cleats & V-guides Drawings



Cleats & V-guides Specification		SYMBOL	B × H (mm)	φ MIN (mm)
Normal V-guides		K5/KN5/UK5	5x3	20
		K6/KN6/UK6	6x4	20
		K8/KN8/UK8	8x5	80/60
		K10/KN10/UK10	10x6	100/80
		K13/KN13/UK13	13x8	120/100
		K17/KN17/UK17	17x11	150/130
Semi V-guides		K22/KN22/UK22	22x14	200
		K C 10x10	10x10	120/100
		K13X6	13X6 Rectangle	100/80
		K10X10	10X10 Square	120/100
		KV7	7x4 (2 groove)	20
		KV9.5	9.5x3 (2 groove)	30
Straight Cleats		KV15	15x3 (3 groove)	30
		T10/TD10/UTA10	10x10/15x10/5x10	80/40/30
		T20/TD20/UTA20	20x20/15x20/5x20	100/50/40
		T30/TD30/UTA30	25x30/15x30/5x30	100/50/40
		T40/TD40/UTA40	25x40/15x40/5x40	120/60/40
		T50/TD50/UTA50	27x50/15x50/5x50	150/80/50
Inclined Cleats		T60/TD60	27x60/15x60	150/80
		T70/TD70	40x70/15x70	150/80
		T80/TD80	35x80/15x80	180/90
		T100/TD100	50x100/15x100	200/100
		TL-19	23x19	80
		TL-30	25x30	100
		TL-40	25x40	100
		TL-50	30x50	150
		TL-60	30x60	150
		TL-80	35x80	180

Sidewall Process Specification		Working Temperature [°C]	
Drawings	Sidewall Width	Height	Peak Center Distance
	W	H	E
	28	80	28
	40	75	35
	40	75	40
	45	55	50
	35	80	35
		Minimum Roller Diameter [mm]	
		60	
		80	
		80	
		150	
		150	

Note: 1. The height of sidewall can be customized.

2. Width of sidewall equal to width of sidewall peak, the processing data tolerance is ±2.



Conveyor Belts Technical Data

Type	Thickness (mm)	Material	Minimum Roller Diameter (mm)	Minimum Pulley Diameter (mm)	Color	Oil Resistance	Food Grade	Antistatic Property	Lateral Stability	Temperature-resistant Range (°C)	Tensile Force for 1% Elongation (N/mm)
PA-W12/C	1.2	PVC	15	25	white		*			-10/+80	4
TB-W13	1.3	PVC	25	25	white		*			-10/+80	6
FB-W18	1.8	PVC	20	40	white		*			-10/+80	6
PB-W20/2	2.0	PVC	30	50	white	*	*			-10/+80	8
TC-W28	2.8	PVC	40	60	white		*			-10/+80	10
TFC-W28	2.8	PVC	40	60	white		*			-10/+80	10
PB-W30/2	3.0	PVC	50	80	white	*	*			-10/+80	8
PB-W31/A/C	3.1	PVC	60	80	white		*			-10/+80	8
TFSC-W41	4.1	PVC	80	100	white		*			-10/+80	12
PB-W40/2	4.0	PVC	80	100	white	*	*			-10/+80	8
PB-W40/W	4.0	PVC	80	100	white		*			-10/+80	8
FSC-W42	4.2	PVC	80	100	white		*			-10/+80	12
PB-W48/H	4.8	PVC	80	100	white		*			-10/+80	8
PCF-W50	5.0	PVC	100	120	white		*			-10/+80	12
PC-W50/A/C	5.0	PVC	120	150	white		*			-10/+80	12
PB-W82/2/KS	8.2	PVC	150	180	white	*	*			-10/+80	12
PBF-W60/2/A	6.0	PVC	150	250	white	*	*			-10/+80	10
NOVO25-NA	2.5	NOVO	40	40	white	*	*			-10/+120	7
UTA-W07	0.7	PU	15	20	white	*	*			-20/+30	3
EM3/1	0.8	PU	15	20	white	*	*			-20/+80	3
UA-WEM308	0.8	PU	15	20	white	*	*			-20/+80	4
UA-WM2100	0.8	PU	15	20	white	*	*			-20/+80	4
UA-WF2100	0.9	PU	15	20	white	*	*			-20/+80	4
UA-W09	0.9	PU	15	20	white	*	*			-20/+80	4
UA-WEM510/O	1.0	PU	15	20	white	*	*			-20/+80	4
UU-W12/O	1.2	PU	8	10	white	*	*			-20/+80	4
SB-WU13	1.3	Silicone	15	40	white	*	*	*		-15/+90	6
UTB-W115	1.2	PU	10	10	white	*	*	*		-20/+90	6
UB-WEN612/O	1.3	PU	6	40	white	*	*	*		-20/+90	5
UTB-WM5200	1.3	PU	30	40	white	*	*			-20/+80	8
UB-WM2200	1.4	PU	30	40	white	*	*			-20/+80	8
UB-W15	1.5	PU	20	50	white	*	*	*		-20/+90	8
UB-W15/9	1.5	PU	30	50	white	*	*	*		-20/+80	8
EM6/2	1.5	PU	30	50	white	*	*	*		-20/+80	8
UB-W16/NM	1.7	PU	80	100	white	*	*	*		-20/+80	8
UBH-W18/O	1.8	PU	100	150	white	*	*	*		-20/+80	8
UB-W18/C	1.8	PU	20	50	white	*	*	*		-30/+110	8
FSB-W20	2.0	PU	50	80	white	*	*	*		-20/+80	8
UB-W20	2.0	PU	50	80	white	*	*	*		-20/+80	10
SAR-W16	1.6	SI	60	100	white	*	*	*		-40/+150	6
EA-W12/O	1.2	PE	30	40	white	*	*	*		-20/+60	5
EB-W30	3.0	PE	80	100	white	*	*	*		-10/+80	8
SUTB-WM5417	1.4	PU	100	100	green	*	*	*		-15/+90	9
W-8	0.8	PU	15	25	green/black	*	*	*		-20/+80	4
NT-10	1.0	TPU	6	15	green/black	*	*	*		-20/+90	5
NT-13/O	1.3	TPU	30	40	green/black	*	*	*		-20/+80	6
NT-20/O	2.0	TPU	50	80	green/black	*	*	*		-20/+80	8
UA-GM4300	0.8	PU	15	20	green	*	*	*		-20/+80	4
UA-G09/O	0.9	PU	15	20	green	*	*	*		-20/+80	4
UB-G15	1.5	PU	30	50	green	*	*	*		-20/+80	8
UB-U15/O	1.5	PU	30	50	blue	*	*	*		-20/+80	8
BU-6B	0.7	PU	10	20	black	*	*	*		-10/+80	3
UC-M33/U	3.3	PU	80	100	dark green	*	*	*		-20/+80	12
TFLB-D22	2.2	Teflon	50	80	grey	*	*	*		-40/+150	6
UA-W12/CS	1.2	PU	10	20	white	*	*	*		-20/+90	4
TB-W18	1.8	Fiber	50	50	white	*	*	*		-10/+80	8
TB-WU13	1.3	Fiber	10	10	white	*	*	*		-20/+90	6
US-W085/OLF	0.9	PU	6	20	white	*	*	*		-30/+90	3
PLTB-R75/E	7.5	PLE	120	150	red	*	*	*		-10/+80	12
SND-R38	3.8	SI	100	120	red	*	*	*		-40/+150	15
SND-R50	5.0	SI	150	180	red	*	*	*		-40/+150	18

■ Above is a part of information. For the more details, please contact us.

■ The information only for reference. XINBEX will make improvement basic on market demand. Please contact us for updating.

Conveyor Belts Technical Data

Type	Thickness (mm)	Material	Minimum Roller Diameter (mm)	Minimum Pulley Diameter (mm)	Color	Oil Resistance	Food Grade	Antistatic Property	Lateral Stability	Temperature-resistant Range (°C)	Tensile Force for 1% Elongation (N/mm)
PA-B10	1.0	PVC	15	25	black				*	-10/+80	4
PA-G12	1.2	PVC	15	25	green				*	-10/+80	4
TB-M13	1.3	PVC	25	25	dark green				*	-10/+80	6
PAX-B13/C	1.3	PVC	15	25	black				*	-10/+80	6
PB-G15	1.5	PVC	30	50	green				*	-10/+80	6
PB-M15	1.5	PVC	30	50	dark green				*	-10/+80	6
PA-M15/B/B	1.5	PVC	15	20	dark green				*	-10/+80	4
PB-G15/B	1.5	PVC	30	50	green				*	-10/+80	6
UTB-B18/I	1.8	PU	30	50	black			*	*	-15/+80	10
PB-U20	2.0	PVC	30	50	blue				*	-10/+80	8
PBR-B20/O	2.0	PVC	30	50	black				*	-10/+80	8
PB-G20	2.0	PVC	30	50	green				*	-10/+80	8
PB-M20	2.0	PVC	30	50	dark green				*	-10/+80	8
PB-B21/V	2.1	PVC	30	50	black				*	-10/+80	8
PBR-M21	2.1	PVC	30	50	dark green				*	-10/+80	8
PBR-M21/V	2.1	PVC	30	50	dark green				*	-10/+80	8
PBR-B23/C	2.3	PVC	30	50	black				*	-10/+80	8
PB-G23/C	2.3	PVC	30	50	green				*	-10/+80	8
PBR-D23/L	2.3	PVC	50	80	grey				*	-10/+80	8
PBF-B24/N	2.4	PVC	40	50	black			*	*	-15/+80	10
PB-G27/U	2.7	PVC	50	80	green				*	-10/+80	8
UC-M30/O	3.0	PU	50	80	dark green	*	*		*	-20/+80	12
PB-M30/O	3.0	PVC	50	80	dark green				*	-10/+80	8
PBR-B30/O	3.0	PVC	50	70	black				*	-15/+80	10
PB-G30	3.0	PVC	50	80	green				*	-10/+80	8
PB-G31/A/C	3.1	PVC	60	80	green				*	-10/+80	8
PB-G31/C	3.1	PVC	60	80	green				*	-10/+80	8
PBR-G32/E	3.2	PVC	50	80	green				*	-15/+80	12
UCR-B35/O	3.5	PU	80	100	black	*	*		*	-20/+80	12
PC-G40	4.0	PVC	70	100	green				*	-15/+80	15
PCR-M40/O	4.0	PVC	100	150	dark green				*	-10/+80	12
HBT-B40	4.0	PVC	60	80	black				*	-15/+80	16
PC-G43/A/C	4.3	PVC	150	200	green				*	-10/+80	12
PB-D48/G	4.8	PVC	80	100	grey				*	-10/+80	8
PB-G50/3A/A	5.0	PVC	100	120	green				*	-10/+80	8
PC-G50	5.0	PVC	100	120	green				*	-10/+80	12
PC-G50/A/C	5.0	PVC	180	250	green				*	-10/+80	12
PB-G50/D	5.0	PVC	100	120	green				*	-10/+80	8
PB-M50/DS	5.0	PVC	60	90	dark green				*	-15/+80	10
PBR-B50/D	5.0	PVC	100	120	black				*	-10/+80	8
PBR-M50/DT	5.0	PVC	100	120	dark green				*	-10/+80	8
PBR-M50/DK(SL)	5.0	PVC	60	90	dark green				*	-15/+80	12
PB-G55/F	5.5	PVC	100	120	green				*	-10/+80	8
PG-G60	6.0	PVC	250	350	green				*	-10/+80	16
PCR-M60	6.0	PVC	250	350	dark green				*	-10/+80	20
PCR-B65/D	6.5	PVC	150	180	black				*	-10/+80	12
NBE-B62/D	6.2	NBR	150	180	black				*	-20/+100	16
PCH-M70/L	7.0	PVC	350	500	dark green				*	-10/+80	40
PCH-M70/S	7.0	PVC	350	500	dark green				*	-10/+80	40
NZP-U70/4D	7.0	NBR	100	150	blue				*	-20/+100	20
NCE-U70/4D	7.0	NBR	150	180	blue				*	-20/+100	15
NF-U70/4D	7.0	NBR	150	180	blue				*	-20/+100	25
PB-M80/K	8.0	PVC	150	180	dark green				*	-10/+80	12
PC-B85/J	8.5	PVC	250	350	black				*	-10/+80	15
PC-B90/R	9.0	PVC	250	350	black				*	-10/+80	15
PDH-M90/L	9.0	PVC	450	600	dark green				*	-10/+80	60
PDH-M120/K	12	PVC	450	700	dark green				*	-10/+80	60
NOVO-155	1.6	NOVO	50	80	grey				*	-10/+80	4
NOVOA-B170	1.7	NOVO	50	80	grey				*	-10/+80	6
NOVOBR-300	3.0	NOVO	60	80	grey				*	-20/+120	12
NOVO-400	4.0	NOVO	100	120	grey				*	-10/+80	6

■ Above is a part of information. For the more details, please contact us.

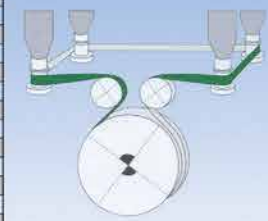
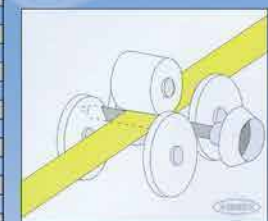
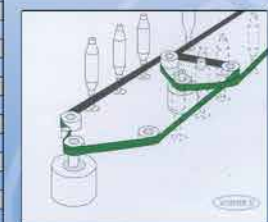
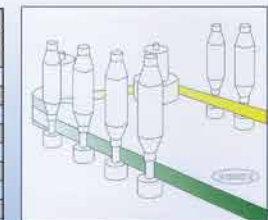
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High-speed Flat Transmission Belts Examples



Flat Transmission Belts Technical Data

Type	Thickness (mm)	Minimum Wheel Diameter (mm)	Covering Material	Conveying Layer Material	Color	Temperature-resistant Range (°C)	Tensile Force for 1% Elongation (N/mm)	Friction Factor (with steel roller)
SF-10	1.0	20	NBR	NBR	dark green/yellow	-30/+150	3.5	0.55
SF-15	1.6	25	NBR	NBR	dark green/yellow	-30/+150	4	0.55
SF-20	2.0	40	NBR	NBR	dark green/yellow	-30/+150	6.0	0.55
SF-30	3.0	90	NBR	NBR	blue/grey	-30/+150	8.5	0.55
TF-6S	1.5	25	XNBR	XNBR	green/yellow	-30/+150	5	0.7
TF-6S	2	60	XNBR	XNBR	green/yellow	-30/+150	8	0.7
TF-7S	2.4	60	XNBR	XNBR	blue/grey	-30/+150	8.5	0.7
TF-09S	2.6	70	XNBR	XNBR	green/yellow	-30/+150	10	0.7
TF-10S	2.8	100	XNBR	XNBR	blue/grey	-30/+150	11	0.7
TF-12S	3.5	125	XNBR	XNBR	grey/grey	-30/+150	12	0.7
TF-14S	3.9	125	XNBR	XNBR	grey/grey	-30/+150	13	0.7
TF-15S	3.8	125	XNBR	XNBR	dark green/yellow	-30/+150	14	0.7
TC-10	1.0	25	XNBR	XNBR	dark green/black	-20/+70	6	0.3
TC-25ER	2.5	50	XNBR	XNBR	green/black	-20/+70	13	0.7
TC-30	3.0	100	XNBR	XNBR	green/black	-20/+70	26	0.7
GG30E-30	3.0	100	XNBR	XNBR	black/black	-20/+70	30	0.7
TC-20/25EF	2.5	50	XNBR	XNBR	green/black	-20/+70	10	0.7
LTT-30	3.0	110	Leather	NBR	red	-30/+150	2.2	0.6
LT-40	4.0	110	Leather	NBR	green	-30/+150	2.2	0.6
LL-50	5.0	125	Leather	NBR	grey	-30/+150	2	0.6
MAB-02	1.1	10	TPU	TPU	green/black	-20/+70	2	0.4
MAB-02A	1.1	10	TPU	TPU	green/black	-20/+70	1.8	0.4
UU-40U	1.1	10	TPU	TPU	green/black	-20/+70	1.8	0.4
XH-30	3.0	50	XNBR	XNBR	blue/blue	-30/+150	5.0	0.6
XH-40	4.0	60	XNBR	XNBR	blue/blue	-30/+150	5.0	0.6
XH-60	6.0	80	XNBR	XNBR	blue/blue	-30/+150	7.5	0.6
DG2/40	4.0	40	XNBR	XNBR	green/green	-30/+150	5.0	0.6
DG2/60	6.0	60	XNBR	XNBR	green/green	-30/+150	7.5	0.6
GG10F-40	4.0	40	XNBR	XNBR	green/green	-30/+150	5.0	0.6
DH-40	4.0	40	PES	NBR	blue	-30/+150	5.0	0.6
N-8C	0.8	15	PES	PES	green/black	-30/+80	3.0	0.2
N-11	1.1	15	PES	NBR	green/black	-30/+150	2.8	0.4
N-14C	1.4	15	NBR	NBR	green/black	-30/+150	3.3	0.4
HAM-SP	1.0	15	NBR	PUR	green/black	-30/+150	5.0	0.3
HAM-6P	1.1	15	NBR	PUR	green/black	-30/+150	4.0	0.4
HAM-6S	2.0	60	NBR	PUR	green/black	-30/+150	4.0	0.6
SG-500	1.1	20	PES	NBR	green/black	-30/+150	3.5	0.25
TT-12C	1.2	20	NBR	NBR	black	-30/+150	2.5	0.4
F-1	1.3	28	NBR	NBR	green/green	-30/+150	4.0	0.5
P-1	1.5	25	NBR	NBR	green/green	-30/+150	3.5	0.3
TT-13	1.2	25	PES	PES	green/green	-30/+150	3.2	0.3
TT-16	1.8	35	PES	PES	green/green	-30/+150	5	0.3
GT08	1.5	25	PES	NBR	grey/grey	-30/+150	4.5	0.4
RF-15	1.5	30	PES	NBR	grey/grey	-30/+150	3.5	0.5
RF-18	1.8	30	PES	NBR	green/green	-30/+150	4.0	0.5
RF-40	4.0	250	PES	NBR	grey/grey	-30/+150	25	0.5
IR-600	1.6	30	NBR	NBR	green/green	-30/+150	4.0	0.6
TL-350	1.7	40	XNBR	XNBR	blue/black	-30/+150	4.0	0.6
RS-18	1.8	40	NBR	NBR	yellow/yellow	-30/+150	4.0	0.6
SS-1	0.6	15	PAS/CO	NBR	green/white	-30/+150	1.1	0.35
TS-3	0.6	15	PAS/CO	NBR	green/white	-30/+150	2.2	0.35
TS-5	0.6	15	PAS/CO	NBR	green/white	-30/+150	2.2	0.35
HS-10	1.0	20	PAS/CO	NBR	green/white	-30/+150	2.5	0.35
TS-4	1.0	20	PAS/CO	NBR	green/white	-30/+150	2.5	0.35
TS-55	1.1	20	PAS/CO	NBR	green/white	-30/+150	2.2	0.35



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 Please contact us for updating.

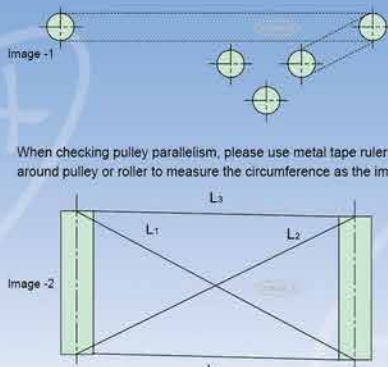
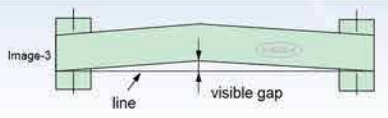
Belt Running Adjustment

In general, belt is designed by running on straight line, but according to the condition setting of device assembled, its necessary to adjust the running.
After running test, please adjust if its off tracking as following.

The reasons and solutions of the belt running off tracking

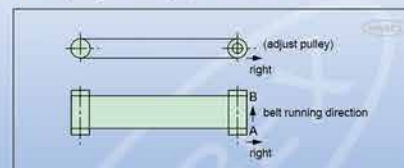
Item	Problem	Situation	Reason	Solution	Remark
1	Off Tracking	Belt close to pulley	Pulley not horizontal	Adjust pulley on the equal level	
			Pulley not matched	Check pulley if have some higher than the drawing/example	
			Pulley bended	Make the pulley or roller more bigger. Make the pulley alone if its hang multi-lines belts	
			Belt slips	Examine the conveying goods is under the standard of loading at the right elongation.	Calculate the elongation and loading weight.
2	Off Tracking	Belt not running straight	Belt is curved like "<"	Please check the angle of the curved "<" and contact us please.	
			Poor shape Pulley	Make the pulley according to the drawing/example	
			Foreign object on the pulley	Remove the foreign object	

The Method of checking pulley parallelism and curved belt

Item	Content	Method	Remark
1	The method of checking pulley parallelism	 When checking pulley parallelism, please use metal tape ruler wrap around pulley or roller to measure the circumference as the image-1 Measure the diagonal (L1, L2) and the distance (L3, L4) of 2 rollers, to make clear the pulley off tracking running in the horizontal	
2	The method of checking curved belt "<"	 Put a line on the side of belt, to check the angle of curved belt "<"	Metal ruler can be instead of line

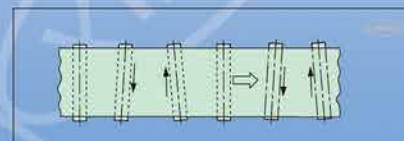
Adjust by the pulley running

- Make pulley (O pulley) move one side on horizontal to adjust the off tracking.
- Make pulley A move right, belt will run as the arrow below.



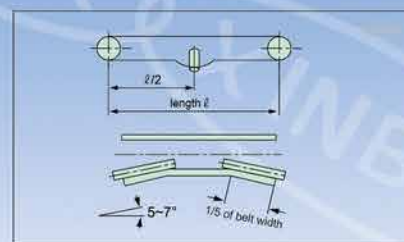
Adjust by the loading roller running

- If the loading roller running on horizontal, the belt will running as the arrow below.



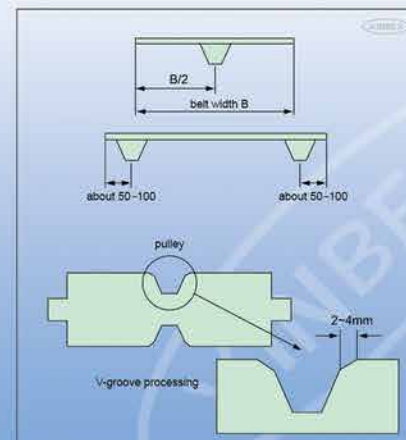
Wide and short Belt

- Its hard to adjust the belt running if the belt is wide and short. In this case, we prefer to recommend the side belt on return part to cover the roller, to make the belt running stable.

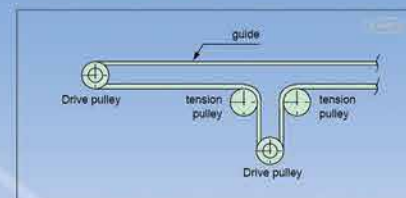


V-guide belt running adjustment

- Assembling V-guide under the belt and processing V-groove on pulley to make the belt running stable.
- The belt which have V-guide will be required 2 layer at least for the hardness requirement.
- The size of V-guide and V-groove, please see the page 17 about the roller design. As usually, it's suggested to make as following position.
 - Belt width $\leq 800\text{mm}$, V-guide should be in the middle of the belt.
 - Belt width $\geq 800\text{mm}$, V-guide should be on the two sides of the belt.



- The V-guide bears the compression stress from pushing pulley and tension stress from pulling pulley. Its should use the minimum diameter pulley to avoid the end of V-guide not easy break by the tension stress, see below chart:

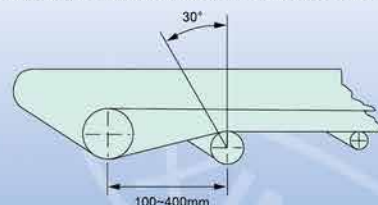


Minimum diameter pulley for V-guide

V-guide	Pushing pulley	Pulling pulley
M type	Groove	$\Phi 70$
	Normal	$\Phi 80$
A type		$\Phi 120$

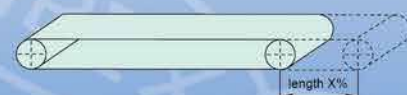
Roller Design Attentions

Sometimes using fast roller to make the angle of inclination more bigger and adjust the belt to run on straight line. Please set it up the minimum pulley if using. Installing position and the angle of inclination are set as below:

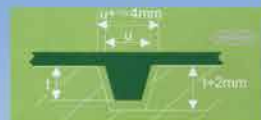
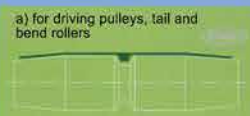


Recommend Tensioning device

Working Condition	Effective Tensioning Device
Normal Environment	1-2% of Length
≥50 °C high temperature environment	2-3% of Length



Roller Design



Conveyor Roller Design

Recommend drum width and shape

$b_0 \leq 100 \text{ mm}$; $b = b_0 + 20 \text{ mm}$
 $b_0 > 100 \text{ mm}$; $b = (1.08 \cdot b_0) + 12 \text{ mm}$



d_y [mm]	≤50	100	150	200	250	300	350	400	450	500	>500
h [mm]	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.05	1.15	1.5

Belt Usage Attentions

Hang Multi-lines

- Due to the different length belt, the tension will be difference if use a tension pulley to support all belts. To solve this problem, its suggested to use the tension pulley separately.
- If there are many belts, the pulley maybe curved because of the tension, and will make the belts tend to middle. To solve this problem, its suggested to use more bigger roller or use bearings to support each belt.



Wide Belt

- If its wide belt, its suggested the flange not higher than the example. And avoid the cleats, use the belt with low friction on the back.
- Its required the tension should be controlled as low as possible when the belt installing to avoid the center part break off.



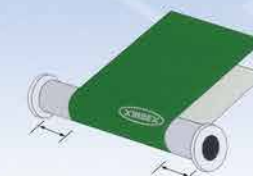
With V-guide Belt

- Its must be adjust the pulley on the equal level to make sure the belt running stable. The V-guide may come off or damage if the belt have strong pulling or loading.
- The V-guide may come off quickly if using the complex device.



With Flange Pulley

- The pulley must be assembled flange as required, and adjust the belt running.
- The belt may off tracking if adjust flange alone, to make the edge of belt damage or cover up the flange.



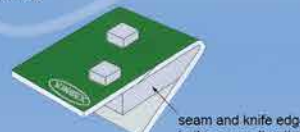
Forward and reverse running

- Using the simplify pulley assembly, and more wider pulley. Be noted the belt running forward and reverse may not in the same location.



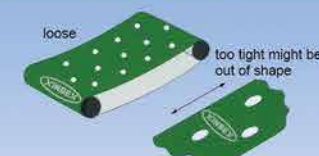
Pulley position changed

- Changing the conveying device to make the different conveying direction, the belt running may unstable due to the inclined frame or uneven pulley.



Knife-edge Supported

- Be noted do not make the splice seam opposite to the direction of knife.
- Be noted the belt may curved due to the tension if the knife is a round bar.



Punching Belt

- Avoiding to punch the holes on the spliced part.
- Be noted the hole will be out of shape if the belt installed too tight.



Food conveying

- Be careful about the food spoilage when conveying the perishable food. Cleaning and disinfecting the leftover and keeping dry after using.