

Power Transmission

Power Transmission in open drives (Just onese is working) or multiple systems (both sides are used). Leather or elastomer belts are used according to the applications and working conditions.

Leather belts apply to tough working conditions, such as wet, oily and dusty environments.

Elastomer belts apply to any working conditions, including wet, oily and dusty environments.



Carding Machine and Ring Spinning Machine



Main Drives



Car Presses



Marble Gang Saws

Belts	Application
A-60 A-100 A-140 A-200 A-250 A-300 A-400 A-540	Single-Face Power Transmission Belt is one side of rubber and another side of fabric layer, which is functioned to transmitting between pulley and belt.
LT-10 LT-14 LT-20 LT-25 LT-30 LT-40 LT-54 LT-80	One side leather and one side fabric. Paper Industry: main transmission & conic drives Textile Industry: cards, flyers & conic drives Wood Industry: main drives Marble Industry: gang saws Flour Industry: main drives Metal & Plastic Industry: presses, lathes and drives
LL-10 LL-14 LL-20 LL-25 LL-30 LL-40	Both sides are leather. Same application as the LT type belts, when both sides are working (cross transmissions).

Tangential belt and spindle tape

Belts for textile industry perform good in antistatic and adherence and ensure stable running and oil prevention.



Two for One Machine and Covering Machine



Open End Machine



Texturizing Machine



Circular Knitting Machine

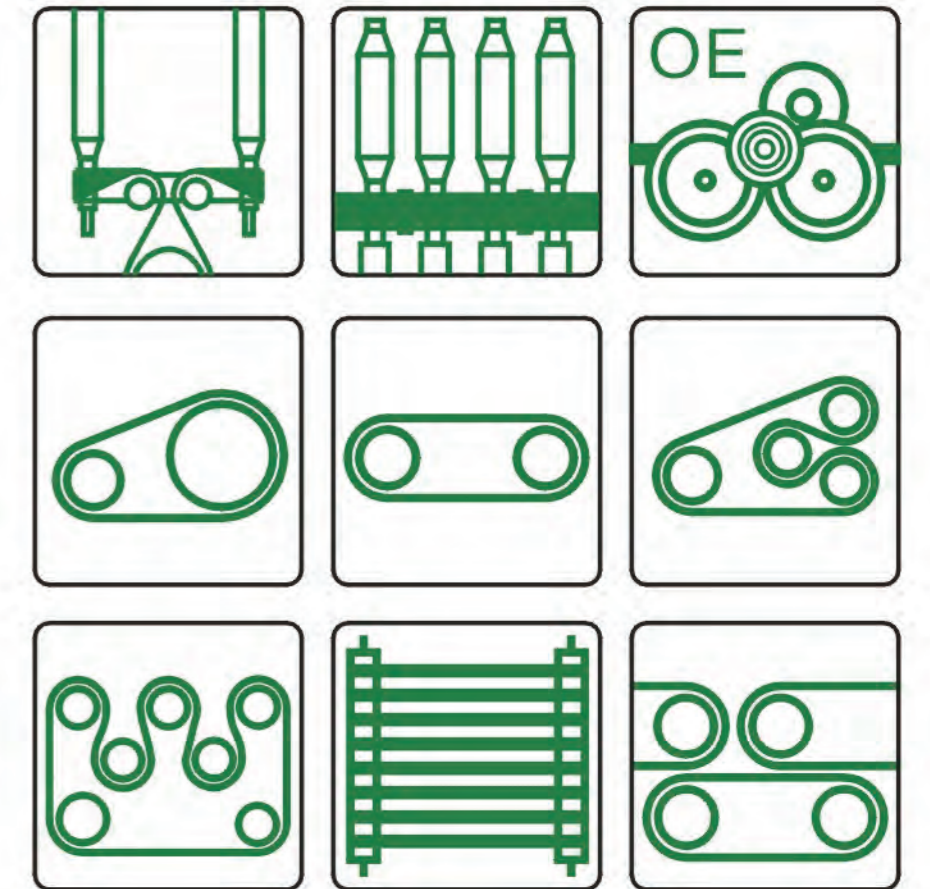


Woolen Carding Machine

Belts	Examples of application
ST-05 ST-06 ST-55 Z-5 Z-10	Spindle Tape For Ring Spinning, Two For One, Facy machine
AS-2 AS-140 AS-250 AS-280 AS-390 Z-20/23 Z-35/30 Z-55/40	Tangential Belt For Ring Spinning, Two For One, Texturizing, Open-end, Facy machine
OE-140 OE-250	Fine Surface belts for Open-end, spinning machine.
AS-1	Hole-punched Belt for circular knitting machine
Z-20/35	Condenser Tape for woolen carding machine

Agent

ASIFLEX



Flat transmission belt

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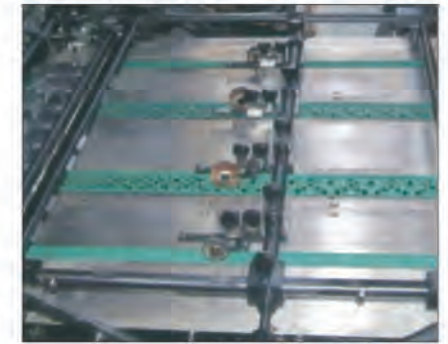
Flat Transmission belt, Spindle tape, Tangential belt, Folder belt, Elasticated belt, Condenser Tape

Sector	Type	Colour		Material		Total thickness mm	Weight Kg/m ²	Shaft load at 1% elongation N/mm	Min. pulley Ø mm	Max. Width mm	Type	Joint	Applications
		Top surface	Drive surface	Top surface	Drive surface								
Leather	Power transmission	LT-10	■	■	Nylon fabric	Leather	2,40	2,25	10	40	520	Thermo Joint	
		LT-14	■	■	Nylon fabric	Leather	2,80	2,40	14	60	520		
		LT-20	■	■	Nylon fabric	Leather	3,10	3,05	20	90	520		
		LT-25	■	■	Nylon fabric	Leather	3,55	3,03	25	120	520		
		LT-30	■	■	Nylon fabric	Leather	3,80	3,34	30	200	520		
		LT-40	■	■	Nylon fabric	Leather	4,30	4,20	40	280	520		
		LT-54	■	■	Nylon fabric	Leather	5,25	5,00	54	380	520		
		LT-80	■	■	Nylon fabric	Leather	6,70	6,60	80	560	520		
		LL-10	■	■	Leather	Leather	3,70	3,05	10	40	520	Thermo Joint	
		LL-14	■	■	Leather	Leather	3,95	3,90	14	60	520		
		LL-20	■	■	Leather	Leather	4,10	4,10	20	90	520		
		LL-25	■	■	Leather	Leather	5,25	4,24	25	120	520		
		LL-30	■	■	Leather	Leather	5,50	4,70	30	200	520		
		LL-40	■	■	Leather	Leather	6,00	5,50	40	280	520		
Rubber and Fabric	Printing & Folding	AI-5E	■	■	Nylon fabric	NBR	0,95	0,80	6	20	1200	Thermo Joint	
		AI-5P	■	■	NBR	NBR	1,00	0,90	6	20	1200		
		T-06	■	■	Nylon fabric	Nylon fabric	1,00	1,10	6	25	520		
		T-10	■	■	Nylon fabric	Nylon fabric	1,20	1,30	10	35	520		
		F-1	■	■	NBR	Nylon fabric	1,25	1,30	6	20	520		
		F-2	■	■	NBR	Nylon fabric	1,80	2,00	10	35	520		
		AS-10/30	■	■	NBR	NBR	3,00	3,40	10	40	520		
		AS-10/40	■	■	NBR	NBR	4,00	4,50	10	40	520		
		AS-10/60	■	■	NBR	NBR	5,50	5,90	10	40	520		
		AS-20/40	■	■	NBR	NBR	4,00	4,00	14	50	520		
	AS-20/60	■	■	NBR	NBR	5,50	6,00	14	50	520			
	FD-65	■	■	NR	XNBR	6,50	7,60	10	40	1000			
	FD-85	■	■	NR	XNBR	8,50	10,00	10	50	1000			
	AS-1	■	■	XNBR	XNBR	1,50	1,80	10	35	520			
	AS-2	■	■	XNBR	XNBR	2,10	2,25	14	60	520			
	AS-140	■	■	XNBR	XNBR	1,70	2,00	20	70	520			
	AS-250	■	■	XNBR	XNBR	2,60	3,00	25	100	520			
	AS-280	■	■	XNBR	XNBR	3,00	3,20	30	120	520			
	AS-390	■	■	XNBR	XNBR	3,50	3,70	33	140	520			
	OE-140	■	■	XNBR	XNBR	2,00	2,30	10	35	520			
	OE-250	■	■	XNBR	XNBR	2,60	2,90	20	70	520			
	ST-05	■	■	NBR	Mixed fabric	0,65	0,60	4	15	1200			
	ST-55	■	■	NBR	Mixed fabric	0,85	0,90	6	20	520			
	Transmission	A-60	■	■	Rubberized fabric	XNBR	1,15	1,20	6	25	520		
A-100		■	■	Rubberized fabric	XNBR	1,50	1,60	10	30	520			
A-140		■	■	Rubberized fabric	XNBR	1,70	1,85	14	50	520			
A-200		■	■	Rubberized fabric	XNBR	2,00	2,20	20	70	520			
A-250		■	■	Rubberized fabric	XNBR	2,25	2,48	25	90	520			
A-300		■	■	Rubberized fabric	XNBR	2,50	2,65	30	120	520			
A-400		■	■	Rubberized fabric	XNBR	3,00	3,30	40	280	520			
A-540		■	■	Rubberized fabric	XNBR	3,70	4,10	54	380	520			
TPU	Transmission	U-2	■	■	TPU	TPU	0,9	0,9	2,6	10	1200	Finger Joint	
		U-4	■	■	TPU	TPU	1,4	1,4	4,0	15	1200		
		M-2	■	■	NBR	NBR	1,4	1,4	1,8	15	1200		
		M-4	■	■	NBR	NBR	1,5	1,5	4,8	15	1200		
		M-5	■	■	NBR	NBR	1,4	1,4	10	15	1200		
		Z-5	■	■	TPU	MIXED FABRIC	0,7	0,65	10	15	1500		
		Z-6	■	■	NBR	Mixed fabric	0,65	0,60	4	15	1200		
		Z-10	■	■	TPU	MIXED FABRIC	0,9	0,85	15	15	1500		
		Z-20/23	■	■	XNBR	XNBR	2,3	2,4	22	25	1500		
		Z-35/30	■	■	XNBR	XNBR	3,0	3,1	36	40	1500		
		Z-55/40	■	■	XNBR	XNBR	4,0	4,2	50	60	1500		
		Z-20/30	■	■	XNBR	XNBR	3,0	3,1	22	40	1500		
		Z-20/35	■	■	TPU	TPU	3,5	3,6	22	50	1500		
		Z-20/40	■	■	XNBR	XNBR	4,0	4,2	22	60	1500		
		Z-20/60	■	■	XNBR	XNBR	6,0	6,2	22	70	1500		

NR:Natural rubber NBR:Nitrile rubber XNBR:Carboxilated nitrile rubber TPU:Thermopolyurethane

Paper, Printing, Packing, Carton and Mail Sorting

Transmission belts are applied to fields of paper, carton, mail sorting and printing. The special designed pattern and elastomer on transmission belt is to increase friction and wearing- resistance while running.



Paper Cutter Machine



Paper Folding Machine



Transferring Offset Machine



Box Folding Machine



Mail Sorting Machine

Belts	Examples of application:
AI-5E AM-5P T-06 T-10 Z-5	Feeder belts used in offset printing machines and PE bag machines
AM-5P Z-10 U-4	Feeder and controller belts used in cross cutters and feeders.
Z-5 Z-4 F-1 M-5	Generally used in paper folding, transferring, offset and rotary printing.
F-2 AS-1 AS-2	Used in applications which need high abrasion on the carrying surface.
AS-10/30 AS-10/40 AS-20/60 FD-65 FD-85	Folding belts in box folding and glueing machines.
M-2 M-4 M-5	Elastic belts in mail sorting machines