

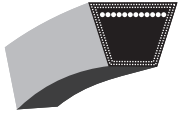
# PIX Belt Catalogue



[www.pixtrans.com](http://www.pixtrans.com)

# PIX-X'set® WRAP CONSTRUCTION BELTS

## CLASSICAL SECTION



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Mfg. Range		Belt Length Factor			Length Desig.
						Min.	Max.	Li to La (mm)	Li to Lp (mm)	Li to La (mm)	
8	8.0	5.0	40	DIN 2215-1975	40	39"	174"	12	19	31	Li
Z	10.0	6.0	40	IS 2494, BS 3790, ISO 4184	50	9.5"	176"	16	22	38	Li
A	13.0	8.0	40	IS 2494, BS 3790, ISO 4184	71	13"	357"	14	36	50	Li
B	17.0	11.0	40	IS 2494, BS 3790, ISO 4184	112	16"	900"	26	43	69	Li
20	20.0	13.0	40	DIN 2215-1975	160	31.5"	900"	31	48	79	Li
C	22.0	14.0	40	IS 2494, BS 3790, ISO 4184	180	31"	900"	32	56	88	Li
25	25.0	16.0	40	DIN 2215-1975	250	57"	900"	39	61	100	Li
D	32.0	19.0	40	IS 2494, BS 3790, ISO 4184	355	44.5"	900"	40	79	119	Li
E	38.0	23.0	40	IS 2494	500	90"	900"	53	92	145	Li

Intermediate sizes are available upon request.

## WEDGE SECTION

SPZ	10.0	8.0	40	BS 3790, ISO 4184	63	365mm	4000mm	13	37	50	Lp
SPA	13.0	10.0	40	BS 3790, ISO 4184	90	576mm	9110mm	18	45	63	Lp
SPB	17.0	14.0	40	BS 3790, ISO 4184	140	1000mm	16824mm	28	60	88	Lp
19	19.0	15.0	40	DIN 7753	180	2253mm	9137mm	25	69	94	Lp
SPC	22.0	18.0	40	BS 3790, ISO 4184	224	1861mm	22943mm	30	83	113	Lp

Intermediate sizes are available upon request

## NARROW SECTION

3V	9.7	8.0	40	RMA IP 22	63	19.5"	160"	13	37	50	La
5V	15.8	14.0	40	RMA IP 22	140	47"	657"	25	60	85	La
8V	25.4	23.0	40	RMA IP 22	335	100"	905"	53	92	145	La

Intermediate sizes are available upon request

## LIGHT DUTY SINGLE V-BELTS

3L	9.65	5.59	40	RMA IP 23	45	10.5"	177"	16	22	38	La
4L	12.7	7.87	40	RMA IP 23	65	15.0"	359"	14	36	50	La
5L	16.7	9.65	40	RMA IP 23	91	21.0"	242"	26	43	69	La

Intermediate sizes are available upon request

### Features:

- Oil resistant & antistatic
- Maximum Belt linear speed (Classical section: Up to 30 m/Sec, Wedge: up to 42 m/Sec, Narrow: up to 45 m/Sec)
- Temperature range: -18°C to +80°C
- ATEX certified FRAS Belts are also available

**Application:** Industrial drives such as pumps, generators, ball-mills, crushers, compressors etc.

# PIX-DuraBand®-XS BANDED BELTS

(Reference Standards: ISO 5290, ISO 5291, BS 3790)



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Manufacturing Range		Length Desig.
					Min.	Max.	
HA	13.0	10.0	40	15.9	33"	255"	Li
HB	17.0	13.0	40	19.0	43"	370"	Li
HC	22.0	16.0	40	25.5	47"	900"	Li
HD	32.0	21.5	40	37.0	90"	900"	Li
HSPZ	10.0	10.0	40	12.0	1205 mm	9080 mm	Lp
HSPA	13.0	12.0	40	15.0	959 mm	4515 mm	Lp
HSPB	17.0	16.0	40	19.0	1762 mm	9331 mm	Lp
HSPC	22.0	20.0	40	25.5	2267 mm	22943 mm	Lp
H3V	9.70	10.0	40	10.3	37"	180"	La
H5V	15.8	16.0	40	17.5	51"	663"	La
H8V	25.4	25.0	40	28.6	100"	905"	La

### Features:

- Enhanced power transmission capacity up to 25%
- Lesser number of Belts required as compared to multiple single-Belt drive
- High adhesion strength between tie band and the Belts
- Eliminates chance of a mismatch in the length, as observed in multiple single-Belt drive
- Temperature range: -18°C to +80°C
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available
- Manufactured through a single-stage-curing process

**Application:** Vertical shaft drives, agricultural drives, stone crushers, compressors, generator sets etc.

**Note:** B, C, D, E, SPC & 8V section Belts in banded construction can be supplied up to 1000" or 25400mm



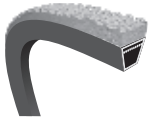
## PIX - SPECIAL CONSTRUCTION BELTS



### PIX-ECHELON<sup>®</sup>-XS (PT-O)

For food-grain & ceramic industry

Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degrees)	Manufacturing Range		Length Desig.
					Min.	Max.	
B (17x14)	17.0	14.0	3.0	40	85"	900"	Li
B (17x16)	17.0	16.0	5.0	40	85"	900"	Li
A (13x13)	13.0	13.0	5.0	40	48"	356"	Li
37 x 25	37.0	25.0	5.0	40	161"	900"	Li



### PIX-TEXTURA<sup>®</sup>-XS (PT-HC)

For ceramic and general industries

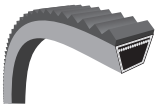
B (17x17)	17.0	17.0	6.0	40	42"	900"	Li
C (22x20)	22.0	20.0	6.0	40	66"	900"	Li



### PIX-CERAMICA<sup>®</sup>-XS (PT-6)

For ceramic industry

B (17x22)	17.0	22.0	11.0	40	85"	357"	Li
B (17x26)	17.0	26.0	15.0	40	66"	356"	Li
C (22x25)	22.0	25.0	11.0	40	73"	320"	Li



### PIX-EXTRACTOR<sup>®</sup>-XS (PT-7)

For carrot harvesting machines, horticultural industry

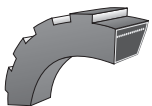
37(37x25)	37.0	25.0	7.0	40	116"	375"	Li
D (32x26)	32.0	26.0	7.0	40	142"	900"	Li



### PIX-X'press<sup>®</sup>-XS

For tile industry

20 x 12.5	20.0	15.0	2.5	40	155"	900"	Li
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### PIX-PTU

Hospital wheel chairs

B	17.0	16.5	5.5	40	36.5"		Li
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#### Features:

- Temperature range: -18°C to +80°C
- Longer service life
- Excellent adhesion between top profile and the Belt
- Application specific Belts
- Designed for applications where power transmission and conveying of material is done simultaneously

## PIX-MUSCLE<sup>®</sup>-XS3 HIGH POWER, MAINTENANCE-FREE BELTS



Section	Mfg. Range		Length Designation
	Min.	Max.	
SPZ	365 mm	4000 mm	Lp
SPA	576 mm	9110 mm	Lp
SPB	1000 mm	16824 mm	Lp
SPC	1861 mm	22943 mm	Lp
3V	19.5"	160"	La
5V	47"	657"	La
8V	100"	905"	La

#### Features:

- Extremely high power rating - up to 50% more than regular Belt
- High efficiency up to 98%
- Maintenance-free
- Extended service life & less machine down-time
- Antistatic complies with ISO 1813
- Superior oil & heat resistance
- REACH & RoHS compliant, provides an eco-friendly system
- Extended temperature range from -25°C to +100°C

**Application:** Wire rope manufacturing industry, steel industry, power plants, textile industry, pharmaceutical industry, food processing units

**Note:** Can be manufactured in other sections and in Banded construction upon request.

## PIX-FRAS® FIRE RESISTANT, ANTISTATIC BELTS



### PIX-FRAS®-XS

#### Product range:

Sections: 8, Z, A, B, 20, C, 25, D, E, SPZ, SPA, SPB, 19, SPC, 3V, 5V, 8V

### PIX-FRAS®-HXS BANDED BELTS

#### Product range:

Sections: HA, HB, HC, HD, HSPZ, HSPA, HSPB, HSPC, H3V, H5V, H8V

#### Features:

- Ensures high level of protection against fire hazards
- Fire resistance test result of flame & a glow time period is lesser than the desired 5 seconds, maximum time as per IS 2494 Part-II standard
- Antistatic values found 10 to 15 times lower than the maximum specific value, as per ISO 1813
- All FRAS Belts are certified by ATEX
- Resistance to emit inflammable substances while in operation
- Damage-free and crack resistance properties to ensure smooth operation
- Longer service life
- Dimensional stability
- Antistatic, oil and heat resistant
- Temperature range: -25°C to +100°C

**Application:** Coal mines, fire-prone areas, petrochemical installations etc.

## PIX-GALLANT® HEAVY DUTY, HIGH POWER BELTS



### PIX-GALLANT®-HXS BANDED BELTS

#### Product range:

Sections: HSPA, HSPB, HSPC, H5V, H8V

#### Features:

- Enhanced power transmission capacity- Up to 55% in PIX-Gallant®-HXS Banded Belts
- Especially treated outer tough cover reduces sidewall-wear and withstands to sudden shear forces at peak loads
- Designed to exhibit excellent durability, strength, abrasion and wear resistance
- Unique performance under heavy shock and impulse loads
- Low heat generation, even at very high speed
- Best solution for compact drives as lesser number of Belts are required
- Operating temperature range: -25°C to +100°C

**Application:** Forestry woodcutters, surface miners, stackers, excavators, re-claimers, stone crushers, jaw crushers, cone crushers, ball-mills, pumps, VRMs

**Note:** Banded Belts in HB and HC sections can be provided on request.

## PIX-IGLOO® LOW TEMPERATURE BELTS



### PIX-IGLOO®-XS

#### Product range:

Sections: Z, A, B, C, SPZ, SPA, SPB, SPC, 3V, 5V, 8V

### PIX-IGLOO®-HXS BANDED BELTS

#### Product range:

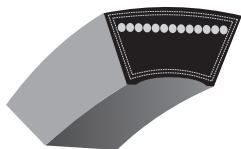
Sections: HA, HB, HC, HSPZ, HSPA, HSPB, HSPC, H3V, H5V, H8V

#### Features:

- Excellent performance while operating in extremely low ambient temperatures of up to -45°C
- Temperature range: -45°C to +80°C
- Longer service life
- Improved crack resistance properties to ensure smooth operation in low temperature applications

**Application:** Cooling tunnels, cold storage, low ambient temperature drives etc.

## PIX-X'set®-VS VARIABLE SPEED BELTS



(Reference Standards: ISO 3410:1989 / BS 3733: 1974)

Section	Angle (Degrees)	Manufacturing Range (mm)		Length Designation
		Min.	Max.	
17x8	40	800	1262	Li
25x13 / HI	30	1080	8992	Li
32x15 / HJ	30	1171	8240	Lp
38x18 / HK	30	1500	9170	Lp
45x20 / HL	30	1608	8847	Lp
51x20 / HM	30	1891	9588	Lp
55x22	30	1921	6671	Lp
60x25	30	1956	6681	Lp

(Non-standard sizes)

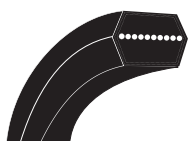
13x11	40	1067	2057	Li
15x9	40	572	6452	Li
19x11	40	1057	3937	Li
21x9	40	991	1930	Li
22x16	40	1727	6553	Li
30x12	30	950	6604	Li
33x22	30	3912	22860	Li
38x23	26	2362	8966	Li
40x20	30	794	6579	Li
68x24	32	2540	9042	Li

### Features:

- Excellent transverse rigidity and flexibility to prevent bucking at minimum diameter settings where Belt stress is more
- Firmly gripping action in the contact areas; provide positive traction for precise, immediate response
- Higher power transmission than regular Belts
- Longer service-life
- Facilitates smooth running without excessive vibrations
- Specific Belt-design for maximum longitudinal flexibility
- Temperature range: -18°C to +80°C

**Application:** Variable speed pulley drives requiring exact speed control and maximum range of speed changes. They are ideal for recreational equipment, agricultural applications and machine tools.

## PIX-Duo® DOUBLE SIDED BELTS

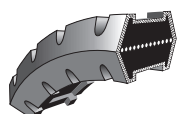


### PIX-Duo®-XS HEXAGONAL BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Manufacturing Range		Length Designation
					Min.	Max.	
AA	13.0	10.0	40	80.0	46"	254"	Li
BB	17.0	14.0	40	125.0	40"	900"	Li
CC	22.0	17.0	40	224.0	73"	900"	Li
25	25.0	22.0	40	280.0	88"	900"	Li
DD	32.0	25.0	40	355.0	158"	900"	Li

### PIX-Duo®-XS-N WRAP DOUBLE SIDED NOTCHED BELTS

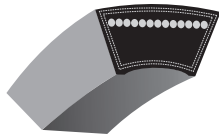
N-CC	24.0	30.0	40	224.0	155"	900"	Lp
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### Features:

- Absolutely flexible
- Transmits power from both the sides
- This special construction allows Belt to be used in "serpentine-drive" system, such as rice mills, textile mills
- Temperature range: -18°C to +80°C

# PIX- AGRICULTURAL BELTS



## PIX-HARVESTER®-VS HARVESTER BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Designation
				Min.	Max.	
B (17x11)	17.0	11.0	40	16"	900"	Li
19x11	19.0	11.0	40	41.6"	155"	Li
20x12.5	20.0	12.5	40	31.4"	900"	Li
22x11	22.0	11.0	40	62"	354"	Li
C (22x14)	22.0	14.0	40	31"	900"	Li
22x16	22.0	16.0	40	68"	258"	Li
25x16	25.0	16.0	40	57"	900"	Li
25x13	25.0	13.0	30	42.5"	354"	Li
30x12	30.0	12.0	30	37.4"	260"	Li
32x15	32.0	16.0	34	43.7"	322"	Li
38x18	38.0	18.0	30	56"	358"	Li
40x20	40.0	20.0	30	68"	259"	Li
45x20	45.0	20.0	30	60"	345"	Li
50x20	50.0	20.0	34	71"	374"	Li
55x22	55.0	22.0	30	72"	259"	Li
60x25	60.0	25.0	30	73"	259"	Li
68x24	68.0	24.0	32	100"	356"	Li



## PIX-HARVESTER®-AGF FLAT BELTS

30Fx6	30.0	6.0	-	110"	900"	Li
50Fx6	50.0	6.0	-	39"	80"	Li
75Fx6	75.0	6.0	-	106"	352"	Li
80Fx6	80.0	6.0	-	77"	340"	Li
95Fx6	95.0	6.0	-	106"	315"	Li
100Fx6	100.0	6.0	-	85"	352"	Li
114Fx6	114.0	6.0	-	106"	317"	Li
120Fx6	120.0	6.0	-	106"	317"	Li
125Fx6	125.0	6.0	-	68"	252"	Li
127Fx6	127.0	6.0	-	106"	317"	Li
135Fx6	135.0	6.0	-	106"	342"	Li
140Fx6	140.0	6.0	-	106"	342"	Li
150Fx6	150.0	6.0	-	106"	317"	Li

Note: Intermediate sizes are available upon request.

### Features:

- Specially designed for application with outside idlers
- Highly flexible, suitable for small pulley diameters
- Higher power transmission than regular Belts
- Excellent performance under variable load conditions
- Temperature range: -18°C to +80°C

## PIX-ENFORCER®-XS RICE HARVESTER BELTS



Section	Top Width (mm)	Thickness (mm)	Mfg. Range		Length Desig.
			Min.	Max.	
A	13.0	8.0	15"	359"	Lp
B	17.0	10.0	35"	239"	Lp
C	22.0	11.0	42"	354"	Lp

### Features:

- Higher power transmission capacity in comparison to regular belts
- Suitable for applications comprising of high shock loads resulting from sudden clutching/de-clutching and with pulsating load
- Excellent mechanical strength
- Lowest elongation and slippage
- Lesser belt deformation
- Reduced number of Belts
- Antistatic, oil and heat resistant
- Longer belt service life
- Extended Temperature range: -25° C to + 100° C
- Operation on smaller pulley diameters possible
- Good performance in acute bending applications

## PIX-VALIANT®-XS RICE HARVESTER BELTS



Section	Top Width (mm)	Thickness (mm)	Mfg. Range		Length Desig.
			Min.	Max.	
A	13.0	8.0	15"	359"	Lp
B	17.0	10.0	35"	239"	Lp
C	22.0	11.0	42"	354"	Lp

### Features:

- Extended Temperature range: -25° C to + 100° C
- Higher power transmission capacity in comparison to regular Belts
- Good mechanical strength
- Crack & damage-free in high temperature applications
- Antistatic, oil and heat resistant
- Suitable for applications where reverse idlers have to be used
- Operation on smaller pulley diameters possible
- Good performance in acute bending applications

## PIX-LawnMaster®-XS LAWN MOWER BELTS



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Desig.
				Min.	Max.	
3L	9.65	5.59	40	10.5"	177"	La
4L	12.7	7.87	40	15.0"	359"	La
5L	16.7	9.65	40	21.0"	242"	La

Note: Intermediate sizes and OEM parts are available upon request.

### Features:

- High tensile strength, non-extensibility, high resistance to shock loads
- High resistance to wear and tear, reduced slippage while clutching
- Able to withstand high level of reverse flexing
- High resistance to oil, heat and cracking
- Temperature range: -18°C to +80°C

**Application:** Lawn & garden machinery

## PIX-DryCover® DRY COVER BELTS



### PIX-DryCover®-XS

#### Product range:

Sections: A, B, C, D, SPZ, SPA, SPB, SPC, 3V, 5V, 3L, 4L, 5L

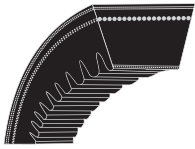
### Features:

- Suitable for drives having clutch applications
- Designed for applications where contamination is not accepted
- Available in polyester and aramid cord constructions
- Available in different colours - blue, green, brown, red, black & white
- Temperature range: -18°C to +80°C

**Application:** Chemical, pharmaceuticals, food industry etc

# PIX-X'tra® RAW EDGE COGGED BELTS

## CLASSICAL SECTION



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Standard	Min. Pulley Dia. (mm)	Manufacturing Range		Belt Length Factor			Length Desig.
						Min.	Max.	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)	
ZX	10.0	6.0	36	IS 2494, BS 3790, ISO 4184	40.0	23.5"	200"	16	22	38	Li
AX	13.0	8.0	36	IS 2494, BS 3790, ISO 4184	63.0	23.5"	200"	14	36	50	Li
BX	17.0	11.0	36	IS 2494, BS 3790, ISO 4184	90.0	23.5"	200"	26	43	69	Li
CX	22.0	14.0	36	IS 2494, BS 3790, ISO 4184	140.0	23.5"	200"	32	56	88	Li
DX	32.0	19.0	36	IS 2494, BS 3790, ISO 4184	280.0	40.0"	200"	40	79	119	Li

## WEDGE SECTION

XPZ	10.0	8.0	36	BS 3790, ISO 4184	56.0	600 mm	5100 mm	13	37	50	Lp
XPA	13.0	10.0	36	BS 3790, ISO 4184	71.0	600 mm	5100 mm	18	45	63	Lp
XPB	17.0	14.0	36	BS 3790, ISO 4184	112.0	600 mm	5100 mm	28	60	88	Lp
XPC	22.0	18.0	38	BS 3790, ISO 4184	180.0	600 mm	5100 mm	30	83	113	Lp

## NARROW SECTION

3VX	9.7	8.0	38	RMA IP 22	56.0	23.5"	200"	13	37	50	La
5VX	15.8	14.0	38	RMA IP 22	112.0	23.5"	200"	25	60	85	La
8VX	25.4	23.0	38	RMA IP 22	254.0	90"	200"	53	92	145	La

## LIGHT DUTY SINGLE V-BELTS

2LX	6.30	4.00	36	RMA IP 23	25.0	23.5"	118"	-	-	-	La
3LX	9.65	5.59	36	RMA IP 23	36.0	23.5"	118"	16	22	38	La
4LX	12.70	7.87	36	RMA IP 23	58.0	23.5"	118"	14	36	50	La
5LX	16.70	9.65	36	RMA IP 23	72.0	23.5"	118"	26	43	69	La

### Features:

- Oil resistant & antistatic
- Maximum Belt linear speed (Classical section: up to 30 m/Sec, Wedge: up to 42 m/Sec, Narrow: up to 45 m/Sec)
- Higher power transmission capacity than Wrapped Belts
- Superior transverse stiffness & high wear resistance
- Suitable for drives with small pulley diameters, high ambient temperature & speed
- Temperature range: -25°C to +100°C
- ATEX certified FRAS Belts are also available

**Application:** General engineering, all industrial Belts drive

**Note:** These sizes are indicative & denote the minimum & maximum range. Intermediate sizes are available upon request.

# PIX-DuraBand®-XR BANDED BELTS

(Reference Standards: ISO 5290, ISO 5291, BS 3790)



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Manufacturing Range		Length Desig.
					Min.	Max.	
HAX	13.0	10.0	36	15.9	23.5"	200"	Li
HBX	17.0	13.0	36	19.0	23.5"	200"	Li
HCX	22.0	16.0	36	25.5	23.5"	200"	Li
HXPZ	10.0	10.0	36	12.0	600 mm	5080 mm	Lp
HXPA	13.0	12.0	36	15.0	600 mm	5080 mm	Lp
HXPB	17.0	16.0	36	19.0	600 mm	5080 mm	Lp
HXPC	22.0	20.0	36	25.5	600 mm	5080 mm	Lp
H3VX	9.70	10.0	36	10.3	23.5"	200"	La
H5VX	15.8	16.0	36	17.5	23.5"	200"	La

### Features:

- Enhanced power transmission capacity up to 25%
- Lesser number of Belts required as compared to multiple single-Belt drive
- High adhesion strength between tie band and the Belts
- Eliminates chance of a mismatch in the length as observed in multiple single-Belt drive
- Antistatic, oil and heat resistant
- ATEX certified FRAS Belts are also available
- Temperature range: -25°C to +100°C
- Manufactured through a single-stage-curing process

**Application:** Best suited for drives with severe vibrations, vertical shaft drives, V-flat drives, agricultural drives, stone crushers, heavy duty compressors, generator sets, pumps, cold forging machines & mining equipment.

**Note:** These sizes are indicative & denote the minimum & maximum range. Intermediate sizes are available upon request.



## PIX-MUSCLE®-XR3 HIGH POWER, MAINTENANCE-FREE BELTS



Section	Mfg. Range		Length Designation
	Min.	Max.	
XPZ	630 mm	5000 mm	Lp
XPA	745 mm	5000 mm	Lp
XPB	900 mm	5000 mm	Lp
XPC	1000 mm	5000 mm	Lp
3VX	24.5"	190"	La
5VX	35.5"	190"	La

### Features:

- Exceptionally high power rating - up to 40% more than conventional standard V-belt
- High transmission efficiency up to 98% providing optimum output
- Maintenance free property of the Belt ensures less machine downtime and an extended service life
- Complies with ISO 1813 - having the antistatic property
- Temperature range from -35°C to +130°C allows the belt to perform even at increasing ambient temperatures
- Space saving potential
- REACH & RoHS compliant provides an eco-friendly system
- High dimensional stability offering the best wedging effect between the belt and the pulley flanges
- Increased performance due to the engineered Belt design
- Smooth running operation
- Minimal belt tension loss

**Application:** Wire rope manufacturing industry, steel industry, power plants, textile industry, pharmaceutical Industry, food processing units

**Note:** Can be manufactured in other sections and in Banded construction upon request.

## PIX-FRAS®-XR FIRE RESISTANT ANTISTATIC BELTS



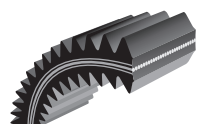
### Features:

- Conforms to: II 2GD c IIB X (Test report no. IB-03-4-934) - ATEX
- Temperature range: -25° C to +100° C
- Ensures high level of protection against fire hazards
- Fire resistance tests show that the flame & glow time period is less than the desired 5 seconds, maximum time as per IS 2494 Part-II standard
- Antistatic values found 10 to 15 times lower than the maximum specified value, as per ISO 1813
- All FRAS Belts are certified by ATEX
- Resistance to emit inflammable substances while in operation
- Damage free and crack resistance properties to ensure smooth operation
- Longer service life
- Dimensional stability
- Antistatic, oil and heat resistant

**Product range:** Sections: ZX, AX, BX, CX, XPZ, XPA, XPB, XPC, 3VX, 5VX, 8VX

**Applications:** Coal mines, fire prone areas, petrochemical installations etc.

## PIX-DUO® DOUBLE SIDED BELTS



### PIX-Duo®-XV DOUBLE COG VARIABLE SPEED BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Manufacturing Range		Length Desig.
					Min.	Max.	
	13.0 - 85.0	10.0 to 30.0	22 to 40	-	23.5"	200"	Li

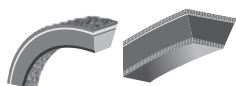
### PIX-Duo®-XR HEXAGONAL DOUBLE COG BELTS

AAX	13.0	10.0	36°	60	31.5"	118.0"	Li
BBX	17.0	14.0	36°	85	29.5"	200.0"	Li
CCX	22.0	17.0	36°	130	39.5"	118.0"	Li

### Features:

- Absolutely flexible
- Transmits power from both sides
- Special construction allows the Belt to be used in "Serpentine-drive" system e.g. rice mills
- Temperature range: -25°C to +100°C

## PIX-RAW EDGE PLAIN & LAMINATED BELTS



**PIX-X'tra<sup>®</sup>-XP** RAW EDGE PLAIN BELTS

**PIX-X'tra<sup>®</sup>-XL** RAW EDGE LAMINATED BELTS

Standards, dimensions & product range: Same as Raw Edge Cogged Belts, given on page no. 7

## PIX-Spectra<sup>®</sup>-XR CENTRE-CORDED BELTS



Section	Top Width (mm)	Thickness (mm)	Length Range (Li)
AX	12.70	8.50	24" to 118"
BX	15.50	11.00	24" to 118"
CX	22.00	14.00	51" to 118"

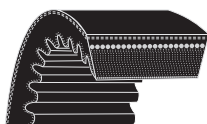
### Features:

- Better heat dissipation
- Superior Belt life
- Enhanced strength
- Increased productivity
- Improved flexibility

**Note:** Belt above 118" and up to 195" are available upon request.

## PIX-X'tra<sup>®</sup>-XV VARIABLE SPEED BELTS

(Reference Standards: RMA IP 25/1991)



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch Length (mm)		Belt Length Factor		
				Min.	Max.	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)
22V-A22/1422V	22.0	8.0	22	815.0	1920.0	15.0	35.0	50
30V-A22/1922V	30.0	10.0	22	920.0	3015.0	20.0	42.0	62
37V-A22/2322V	37.0	11.0	22	1036.0	3018.0	23.0	46.0	69
30V-A26/1926V	30.0	11.0	26	922.0	3018.0	23.0	46.0	69
46V-A26/2926V	46.0	13.0	26	1370.0	3198.0	27.0	55.0	82
51V-A26/3226V	51.0	13.0	26	1445.0	3375.0	27.0	55.0	82
40V-A30/2530V	40.0	15.0	30	1293.0	3198.0	30.0	65.0	95
51V-A30/3230V	51.0	16.0	30	1450.0	3380.0	33.0	67.0	100
70V-A30/4430V	70.0	18.0	30	1455.0	3385.0	37.0	77.0	114
64V-A36/4036V	64.0	18.0	36	1455.0	3385.0	37.0	77.0	114
70V-A36/4436V	70.0	18.0	36	1455.0	3385.0	37.0	77.0	114
76V-A36/4836V	76.0	19.0	36	1458.0	3388.0	39.0	81.0	120

(Reference Standards: ISO 3410:1989 (E) / ASAE S211-4)

HG	17.0	8.0	26	715.0	5100.0	15.0	35.0	50.0
HH	20.0	10.0	26	720.0	5100.0	20.0	42.0	62.0
HI	25.0	13.0	26	727.0	5100.0	27.0	55.0	82.0
HJ	32.0	15.0	26	730.0	5100.0	30.0	65.0	95.0
HK	38.0	18.0	26	737.0	5100.0	37.0	77.0	114.0
HL	45.0	20.0	26	740.0	5100.0	40.0	82.0	122.0
HM	51.0	24.0	26	745.0	5100.0	45.0	90.0	135.0
HN	57.0	24.0	26	750.0	5100.0	50.0	100.0	150.0
HO	64.0	25.0	26	753.0	5100.0	53.0	106.0	159.0

Non-standard sections

-	6.0 to 85.0	5.0 to 30.0	22 to 40	23.5" Li	200" Li			
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### Features:

- Excellent transverse rigidity and flexibility to prevent bucking at minimum diameter settings where Belt stress is more
- Firm-gripping-action in the contact areas provide positive traction for precise, immediate response
- Higher power transmission than regular Belts
- Longer service-life
- Facilitates smooth running without excessive vibrations
- Specific Belt-design for maximum longitudinal flexibility
- Temperature range: -25°C to +100°C

**Application:** Variable speed pulley drives requiring exact speed control and maximum range of speed changes. They are suitable for recreational equipment, agricultural applications and machine tools.

## PIX-HARVESTER®-XV AGRICULTURAL BELTS



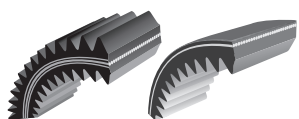
### Product range:

Sections: 22V-A22/1422V, 30V-A22/1922V, 37V-A22/2322V, 30V-A26/1926V, 46V-A26/2926V, 51V-A26/3226V, 40V-A30/2530V, 51V-A30/3230V, 70V-A30/4430V, 64V-A36/4036V, 70V-A36/4436V, 76V-A36/4836V, HG, HH, HI, HJ, HK, HL, HM, HN, HO

### Features:

- Specially designed for application with outside idlers
- More flexible, suitable for small pulley diameters
- Higher power transmission than regular Belts
- Excellent performance under variable load conditions
- Temperature range: -25°C to +100°C

## PIX-WhiteKnight®-XV SNOWMOBILE BELTS



### Features:

- Excellent performance under high horse-power load
- Aramid cord construction for longer life
- Can withstand temperature up to -40°C to +100°C
- Reduced slippage
- Available in single side & double side cog profile

**Product range:** HD / HDX / XDX Series

## PIX-ASYMMETRA® ASYMMETRIC BELTS



Top Width (mm)	Thickness (mm)	Angle		Manufacturing Range (mm)		Length Desig.
		$\alpha$	$\beta$	Min.	Max.	
16.0	10.0	18	2	680	2240	La
19.0	10.0	18	2	680	2240	La

### Features:

- Torque converter systems
- High lateral-rigidity & tough
- Longer life
- Excellent shock absorbing capacity
- Temperature range: -25°C to +100°C

**Application:** Go-karts, snowmobiles, mini-bikes, material handling & industrial equipment

## PIX-PowerTex®-XV2 TEXTILE MACHINERY BELTS



Section	Length Designation
X62x221-K-1745	Li
X70x221-K-1700	Li
X70x221-K-1800	La
X70x301-K-1810	La

Note: Other sizes are available on request.

### Features:

- Designed to meet power transmission requirements in textile spinning mills of up to 60kW
- Specially developed for spinning mills to operate at a very high speed of up to 20,000 RPM
- High power transmission capacity
- Excellent performance & customer satisfaction by offering energy saving solutions
- Temperature range: -25°C to +100°C

## PIX-TITAN®-XR RICE HARVESTER BELTS



Section	Top Width (mm)	Thickness (mm)	Mfg. Range		Length Desig.
			Min.	Max.	
AX	13.0	8.0	30"	90"	Lp
BX	17.0	10.0	30"	90"	Lp
CX	22.0	11.0	30"	90"	Lp

### Features:

- Higher power transmission capacity in comparison to regular belts
- High dimensional stability
- Drives with very small pulley diameters
- High efficiency, maintenance-free
- Suitable for heavy duty, high speed applications
- Extended service life & less machine down-time
- Space saving potential
- Antistatic, complies with ISO 1813, oil and heat resistant
- Temperature range: -25° C to + 100° C
- Excellent performance even on twisted drive applications

## PIX-DOMINATOR®-XR RICE HARVESTER BELTS



Section	Top Width (mm)	Thickness (mm)	Mfg. Range		Length Desig.
			Min.	Max.	
AX	13.0	8.0	30"	90"	Lp
BX	17.0	10.0	30"	90"	Lp
CX	22.0	11.0	30"	90"	Lp

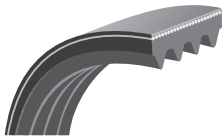
### Features:

- Extremely high power transmission capacity
- Highest tensile strength
- Lowest elongation and slippage
- Better performance in applications comprising of high shock loads
- Greater lateral rigidity & longitudinal flexibility
- Suitable for higher speeds
- Drives with very small pulley diameters
- Suitable for heavy duty, high speed applications
- Antistatic, oil and heat resistant
- Temperature range: -25° C to + 100° C



## PIX - X'ceed® RIBBED / POLY V-BELTS

(Reference Standards: RMA IP-26, ISO 9981-82)



Section	Thickness (mm)	Rib Pitch (mm)	No. of Ribs Possible	Min. Pulley Dia. (mm)	Manufacturing Range (mm)		Length Desig.
					Min.	Max.	
PH	2.9	1.60	2 to 280	13.0	356	3000	Le
PJ	3.8	2.34	2 to 235	20.0	280	5080	Le
PK	4.5	3.56	2 to 150	45.0	280	5080	Le
PL	7.6	4.70	2 to 110	75.0	500	5080	Le
PM	13.3	9.40	2 to 52	180.0	950	5080	Le

Note: These sizes are indicative & denote the minimum & maximum range. For intermediate sizes please contact us at "info@pixtrans.com".

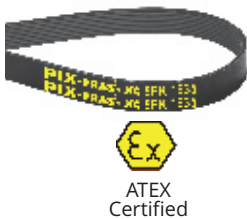
### Features:

- Oil resistant & antistatic
- High power transmission capacity
- Temperature range: -25°C to +100°C
- Maximum Belt linear speed up to 50 m/Sec
- Highly flexible, noise free & smooth running
- Can be used for speed ratios up to 1:30
- ATEX certified FRAS Belts are also available

### Application:

Compact drives with high speed ratios, drives requiring minimum maintenance, drive in a noise sensitive environment, for serpentine drives and drives with reverse bend idlers like household appliances, work tools, machine tools etc.

## PIX-FRAS®-XC FIRE RESISTANT ANTISTATIC BELTS



**Product range:** Sections: PJ, PK, PL, PM

### Features:

- Fire resistant, antistatic, electrical resistance values meet the requirements according to pr-EN 13464-5:2003
- Antistatic values found 10 to 15 times lower than the maximum specified value, as per ISO 1813
- All FRAS Belts are certified by ATEX
- Temperature range: -25°C to +100°C

**Applications:** Coal mines, fire prone areas, petrochemical installations etc.

## PIX-THERMAL®-XC HIGH TEMPERATURE BELTS



**Product range:** Sections: PJ, PK, PL

### Features:

- Temperature range: -35°C to +130°C
- High temperature resistant
- Longer service life
- Crack & damage free in high temperature applications

## PIX-DUO®-XC DOUBLE SIDED BELTS



### Product range:

Sections:  
DPK: 2 to 22 ribs  
DPL: 2 to 22 ribs

### Manufacturing range:

DPK Section: 1195 mm to 3105 mm  
DPL Section: 1200 mm to 3105 mm

**Temperature range:** -25°C to +100°C

**Application:** High speed engines, serpentine drives, textile machineries etc.

## PIX-ELASTO®-XC ELASTICATED RIBBED / POLY V-BELTS



**Section:** EL -PJ : 2 to 20 ribs

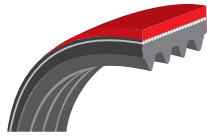
**Range:** 356mm to 2240mm

### Features:

- Built with elastic properties
- Temperature range: -25°C to +100°C

**Application:** Washing machine & dryers.

# PIX-TopCoat®-XC PACKAGING MACHINERY BELTS



Shore hardness: 40-50  
(Red Colour)

### Features:

- Profile top rubber (application-specific)
- Facilitates excellent cushioning coupled with extra elasticity
- Excellent flexibility to prevent cracks or tearing
- Optimum friction, suitable for providing proper support to contact material
- Vulcanized as a single piece to ensure excellent adhesion
- Abrasion resistant
- Longer life
- Top profile thickness: 4mm, 6mm, 8mm & 10mm
- Temperature range: -25°C to +70°C

### Product range:

PJ: 6 to 220 ribs  
PK: 5 to 140 ribs  
PL: 4 to 100 ribs

### Manufacturing range:

PJ, PK, PL Sections: 700mm to 1700mm

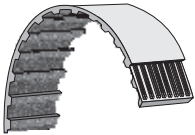
**Application:** Cable-drawing, plastic tube drawing, bottling plants etc

### Note:

1. Belt selection should strictly be done on the basis of temperature, top coat hardness & the application

# PIX-X'act® TIMING / SYNCHRONOUS BELTS

## PIX-X'act® CT CLASSICAL TIMING BELTS



Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Desig.
MXL	2.032	0.59	1.14	21MXL to 1771MXL	Lp
XXL	3.175	0.76	1.52	50XXL to 219XXL	Lp
XL	5.080	1.27	2.30	44XL to 2128XL	Lp
L	9.525	1.91	3.60	67L to 2700L	Lp
H	12.700	2.29	4.30	145H to 2720H	Lp
XH	22.225	6.35	11.20	463XH to 2275XH	Lp
XXH	31.750	9.53	15.70	625XXH to 2000XXH	Lp

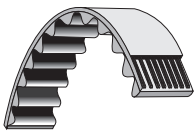
(Standard: BS 4548, ISO 13050, ISO 5296, DIN 7721)

### Belt label description:

270 XL 025		
270 ↓ Pitch Length 27"	XL ↓ Section (Tooth pitch 5.080 mm)	025 ↓ Belt Width 0.25"

Max. sleeve width: 450 mm

## PIX-X'act® STD STD TIMING BELTS



S 2M	2.00	0.76	1.36	STD S 2M 60 to STD S 2M 3700	Lp
S 3M	3.00	1.14	2.20	STD S 3M 120 to STD S 3M 6510	Lp
S 5M	5.00	1.91	3.40	STD S 5M 150 to STD S 5M 4000	Lp
S 8M	8.00	3.05	5.30	STD S 8M 376 to STD S 8M 6640	Lp
S 14M	14.00	5.30	10.20	STD S 14M 714 to STD S 14M 5012	Lp

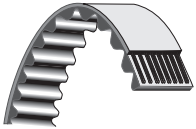
(Standard: BS 4548, ISO 13050, 5296, DIN 7721)

### Belt label description:

STD 150 S 5M 650		
STD 150 ↓ Belt Top Width 15 mm	S 5M ↓ Section (Tooth pitch 5.0 mm)	650 ↓ Pitch Length 650 mm

Max. sleeve width: 450 mm

## PIX-X'act® HTD HTD TIMING BELTS



2M	2.00	0.75	1.36	52 2M to 750 2M	Lp
3M	3.00	1.17	2.40	60 3M to 6804 3M	Lp
5M	5.00	2.06	3.80	180 5M to 3750 5M	Lp
8M	8.00	3.48	6.00	184 8M to 6880 8M	Lp
14M	14.00	6.02	10.00	812 14M to 8120 14M	Lp

(Standard: BS 4548, ISO 13050, 5296, DIN 7721)

### Belt label description:

800 8M 30		
800 ↓ Pitch Length 800 mm	8M ↓ Section (Tooth pitch 8.0 mm)	30 ↓ Belt Width 30 mm

Max. sleeve width: 450 mm

### Features:

- High efficiency due to positive engagement between Belt teeth and pulley grooves
- Fibre glass cord provides strength, excellent flex life & high resistance to elongation
- Exact power transmission
- Low noise level & longer service life
- Improved stress distribution
- Temperature range: -25°C to +100°C

### Application:

Suitable for drives demanding exact power transmission such as robotic machines, textile machinery, CNC machines, electronic equipment such as printers, scanners, currency counting machines etc.

## PIX-TorquePlus®-XT2 HIGH POWER BELTS



Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Desig.
5M	5.00	2.06	3.80	300 5M to 2250 5M	Lp
8M	8.00	3.48	6.00	344 8M to 4400 8M	Lp
14M	14.00	6.02	10.00	966 14M to 4578 14M	Lp
S5M	5.00	1.91	3.40	S5M 350 to S5M 2525	Lp
S8M	8.00	3.05	5.30	S8M 376 to S8M 2848	Lp

### Features:

- 50% to 70% enhancement in power-rating over PIX-X'act® HTD/STD Belts
- Synchronous power transmission
- Higher angular speed, resistance to loads and low noise
- Increased operational efficiency up to 98%
- Temperature resistance up to 100°C
- Optimum operational efficiency and augmented Belt life
- Lower operational cost
- Antistatic properties as required by ISO 9563

**Application:** Food processing, packaging, paper machines, printing machines, robotic equipment, conveyors, office equipment, medical equipment.

## PIX-TorquePlus®-XT2 COTTON CLEANER BELTS



Size	No. of Teeth	Pitch Length	Top Width	Thickness (mm)
61CCB142	60	61"	1.5"	11.2
63CCB165	63	63"	1.5"	11.2
64CCB170	64	64"	1.5"	11.2
65CCB175	65	65"	1.5"	11.2
63CCB165-2.5	63	63"	2.5"	11.2

### Features:

- High tensile strength to sustain severe shock-loads
- Excellent fatigue resistant compound
- Extended service-life
- Oil, heat and ozone resistant

**Application:** Cotton-cleaner and cotton gin machines

## PIX-Sentinel FFP®-XT FIN-FAN BELT



Section	Pitch Length (mm)	Top Width (mm)
2800 14M 55	2800	55
3150 14M 55	3150	55
3360 14M 55	3360	55
3500 14M 55	3500	55
3850 14M 55	3850	55
4326 14M 55	4326	55
4578 14M 55	4578	55

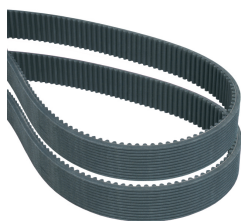
### Features:

- High tensile strength
- Higher power transmission capacity in comparison to regular Belts
- Negligible elongation to meet vertical drive requirements
- Reliable dimensional stability
- High abrasion resistance
- Enhanced Belt & Pulley life

**Application:** Air cooled heat exchanger

**Note:** Belts can be cut to different widths as per requirement

## PIX-BRAWN®-XT POLY+TIMING BELTS



### Features:

- Combines the advantages of Synchronous and Poly V-Belts
- Transverse teeth for positive engagement on one side and longitudinal ribs for non-synchronous frictional transmission on the other side
- Suitable for multi-shaft transmission with reversed rotary directions of pulleys
- Antistatic, oil and heat resistant
- Noise-free transmission
- Operating temperature range -25°C to +100°C

**Standard:** PIX Proprietary

**Reference standards:** RMA / MPTA IP-26, BS 4548, ISO 13050

**Application:** Flour & rice mills, foodgrain industries

**Range:** 8M & S8M timing sections with PK profile & 14M section with PL profile

**Note:** Belts can be made available in aramid cord, upon request.

## PIX-TopCoat®-XT PACKAGING MACHINERY BELTS



Regular Top Coat Belt



Step-cut Top Coat Belt

Belt Section	Belt Section	Top Coat Thickness (mm)	Top Width (mm)	Length Range (mm)
Regular	L, H	4,6,8	18 to 450	530 to 2000
Step-cut	L, H	8,10	25 to 34mm vor Belt length 570 to 2000mm 35 to 60mm for Belt length 1350 to 2000mm	570 to 2000

### Features:

- Construction comprises of profile top rubber, which is application-specific
- Provides excellent cushioning coupled with extra elasticity
- Excellent flexibility to withstand cracking or tearing
- Provides optimum friction suitable for providing proper support to the contact material
- Vulcanized as a single piece to ensure excellent adhesion
- High abrasion resistance
- Excellent life
- Step Top Coat Belt reduces bending stress, offers excellent flexibility
- Temperature range: -25°C to +70°C

### Application:

- Vertical form-fill & seal machine
- Packaging machines in bakery, soaps & cosmetics, ceramic industry, bottling plants etc.

**Note:** Top Coat Belts are also available in 5M, S5M, 8M and S8M Timing Belt sections. In Step-cut Belts, the step portion is 30% to 35% of the total top-width

## PIX-PaintPro®-XT PAINT-SHOP BELTS



Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Desig.
8M	8.00	3.48	6.00	344 8M to 4400 8M	Lp
14M	14.00	6.02	10.00	966 14M to 4578 14M	Lp

### Features:

- Excellent performance while operating at high temperatures
- Higher power transmission capacity in comparison to regular belts
- Longer service life
- Crack & damage free in high temperature applications
- Ozone, oil and heat resistance
- Highly flexible and provides dimensional stability
- Temperature range: -30° to +150°C

**Application:** Automotive paint-shops



## PIX-X'pedient®-XT POLYURETHANE BELTS



Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Desig.
T5	5.0	1.20	2.20	T5-120 to T5-1955	Lp
AT5	5.0	1.20	2.70	AT5-225 to AT5-2000	Lp
T10	10.0	2.50	4.50	T10-250 to T10-3330	Lp
AT10	10.0	2.50	4.50	AT10-250 to AT10-2350	Lp

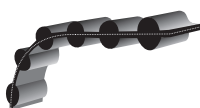
### Features:

- Polyurethane timing Belts are highly flexible with longitudinal toughness to ensure perfect tooth meshing
- No dust-generation or flaking while running - clean Belt
- Homogeneous throughout its cross-section by virtue of thermoset moulding process
- Superior wear and abrasion resistance
- High resistance to oil, fat and grease
- Excellent resistance to ageing, hydrolysis, UV and ozone
- Low vibration and reduced noise level
- Good resistance to most acids and alkalis
- Operating temperature range: -30°C to +80°C (up to +110°C for a short period)

**Application:** Office automation equipment and vending machines, machine tools and pumps, textile machines, paper making machines and printing machinery, medical equipment, optical instruments, food processing equipment, packaging machinery, robotics and plotters.

**Note:** These sizes are indicative & denote the minimum & maximum range. For Intermediate sizes please get in touch with us.

## PIX-DUO®-XT DOUBLE SIDED TIMING BELTS



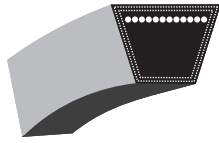
Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Desig.
DA-XL	5.080	1.27	3.05	200 DA-XL to 580 DA-XL	Lp
DA-L	9.525	1.91	4.58	187 DA-L to 660 DA-L	Lp
DA-H	12.700	2.29	5.96	200 DA-H to 2720 DA-H	Lp
DA-3M	3.000	1.17	3.10	501 DA-3M to 1401 DA-3M	Lp
DA-5M	5.000	2.06	5.26	400 DA-5M to 2050 DA-5M	Lp
DA-8M	8.000	3.40	8.17	512 DA-8M to 4400 DA-8M	Lp
DA-14M	14.000	6.02	14.8	1400 DA-14M to 6860 DA-14M	Lp
DA-S5M	5.000	1.92	5.00	410 DA-S5M to 1420 DA-S5M	Lp
DA-S8M	8.000	3.05	7.50	512 DA-S8M to 6640 DA-S8M	Lp

### Features:

- Power transmission from both sides
- Highly flexible
- Extended stability, durability, strength and life
- Temperature range: -25°C to +100°C

**Application:** For serpentine drives like in textile, paper packaging & printing industries, hand-held power tools, postage handling, food processors, office equipment, money handling, medical diagnostic, ticket dispensers, robotics, vending machines and vacuum cleaners.

# PIX- AUTOMOTIVE BELTS



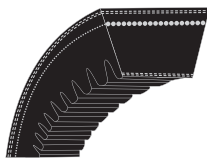
## PIX- FORCE® AUTOMOTIVE WRAP BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range (mm)		Length Designation
				Min.	Max.	
9.5 / AV 10	9.50	8.0	40	375	4010	La
12.5 / AV 13	12.50	10.0	40	588	9130	La

### Features:

- Excellent performance
- Abrasion resistant and offers smooth running
- Made up of high tensile polyester cord which enables maximum power transmission
- Less deformation
- Minimum elongation
- Conforms to BS AU 150b, SAE J 636, JASO E 107

**Temperature range:** -18°C to +80°C



## PIX- FORCE® AUTOMOTIVE RAW EDGE COGGED BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range (mm)		Length Designation
				Min.	Max.	
X9.5 / AVX10	10.0	8.0	36	600	5100	La
X12.5 / AVX13	13.0	10.0	36	600	5100	La
X10A	10.5	8.0	36	600	3000	Le
X11A	11.5	8.0	36	600	3000	Le
X13A	13.5	9.0	36	600	3000	Le
X15A	17.0	10.5	38	600	3000	Le
X17A	18.5	11.0	36	600	3000	Le
X20A	21.5	12.5	36	600	3000	Le

Available in high temperature EPDM construction also

### Features:

- Best suited for next-generation high speed engines
- Cogged profile offers higher flexibility
- Offers higher power transmission on smaller pulley diameters
- Engineered and chemically treated modulus & low stretch tensile cords for higher loads without stretch
- Compounded for better grip and lateral rigidity
- Excellent resistant to oil and heat
- Suitable for HEMM (Heavy earth-moving machinery) applications
- Conforms to BS AU 150b, SAE J 636, JASO E 107

**Temperature range:** -25°C to +100°C



## PIX- FORCE® AUTOMOTIVE RIBBED BELTS

Section	Thickness (mm)	Rib Pitch (mm)	Min. Pulley Dia. (mm)	Manufacturing Range (mm)		Length Designation
				Min.	Max.	
PK	4.5	3.56	50	280	5080	Le

### Features:

- Trapezoid-face-ribs on a fibre reinforced rubber matrix for higher power transmission offering good resistance to wear and tear, facilitating quiet running
- Reduced vibrations, shock absorber, low stretch and an excellent behaviour under heavy load conditions
- Extremely flexible, capable to work on small pulley diameters and serpentine drives
- Oil and heat resistant, extended service life, suitable for HEMM applications
- Conforms to ISO 9981, 9982, RMA IP 26 standards

**Temperature range:** -35°C to +130°C

## PIX-FORCE® AUTOMOTIVE TIMING BELTS



Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range
ZA	9.525	1.91	4.10	88 ZA, 104 ZA, 111 ZA
ZB	9.525	2.29	4.50	137 ZB
ZH	9.525	3.50	5.50	89 ZH, 97 ZH, 129 ZH, 136 ZH, 138 ZH, 153 ZH
PR	9.525	3.45	5.50	136 PR
PRM	9.525	3.37	5.50	97 PRM, 122 PRM, 123 PRM, 124 PRM, 134PRM
PRP	9.525	3.50	5.50	177 PRP, 185 PRP
YU	8.000	3.02	5.20	101 YU, 106 YU, 107 YU, 109 YU, 115 YU

### Features:

- Trapezoidal tooth design for sections ZA, ZB and curvilinear tooth design for other sections
- Precisely formed and accurately spaced teeth ensure smooth engagement with pulley grooves
- Fibre glass tensile cords provide strength, excellent flex life and high resistance to elongation
- Durable backing protects against environmental pollution and friction wear
- Tough nylon surface protects the tooth surface
- Conforms to ISO 9010 / JASO E 105

**Temperature range:** -25°C to +100°C

**Note:** Available in high temperature HSN construction also

## PIX- ACCESSORY PRODUCTS

### PIX-DIGITAL TENSION METER



PIX Digital version of tension meter is used to correct the tension factor in a drive, thus helping the users' to attain the optimum Belt tension.

This equipment works on the frequency measurement phenomenon.

### PIX-X'Align (Laser-guided Pulley Alignment Instrument)



Robust and highly effective maintenance tool, used to correct the misalignment of pulleys in a drive, to help the user to obtain the maximum service life of the Belt.

### PIX-DRIVE DESIGN MOBILE APP



Software for designing the drive / drive solutions for Wrap, Raw edge cogged Belts, Poly V-Belts & Timing Belts.

Visit the link [www.pix-app.com](http://www.pix-app.com). Alternatively you can download the mobile app from google-playstore

### PIX-SERVICE KIT



PIX Service Kit is a composite gear with all essential tools required by the users in maintaining the drive.

### PIX- BELT LENGTH MEASURE



Used for checking the length where size on the Belt is not clearly visible.

### PIX-ANALOG TENSION TESTER



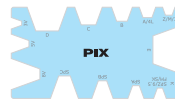
Manual tool is meant for correcting or re-tensioning the drive with adequate reliability.

### PIX-PULLEY GAUGES



PIX Pulley Gauges are specially designed for checking the profiles of the grooves of various conventional and dual section pulleys.

### PIX-BELT PROFILE GAUGE



Used for checking the Belt profile.

### PIX-PENTAGON (Poly-V Belt Wear Gauge)



PIX-Pentagon is used as wear measurement gauge for Poly-V Belts. Wear in ribs, belt thickness and cracks can be identified using PIX-Pentagon

### PIX-AUTOMOTIVE BELT DISPLAY STAND



Tabletop metallic Belt display rack, can hold up to 72 Belts.

Dimensions (mm):  
1200 (l) x 450(b) x 500(h)

### PIX- BELT PRODUCT KIT



Belt display kit for the sales team. Comprises of 14 Belts of various types. Features Belts for various applications based on the requirement.

### PIX-X'slit BELT CUTTING MACHINE



Designed for cutting individual Timing Belts as well as V-Ribbed Belts from the sleeves.



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