PIX

Power Transmission Solutions

Driving growth!

POWER TRANSMISSION BELTS

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WRAPPED BELTS

PIX-X'set® Wrap Construction Belts

Reference Standards:
- IS 2494, BS 3790, ISO 4184
- DIN 2215-1975
- RMA IP-22
- RMA IP-23
- DIN 7753

Application:
Industrial drives, generators, blowers, ball-mills, rolling mills, crushers, compressors, pumps, wet grinders, household appliances, cement industry, steel industry, etc.

CLASSICAL SECTION BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Mfg.Range		Belt Length Factor			Length Desig.
					Min.	Max.	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)	
8	8.0	5.0	40	40	39"	171"	12	19	31	Li
Z	10.0	6.0	40	50	15"	172"	16	22	38	Li
A	13.0	8.0	40	71	15"	357"	14	36	50	Li
B	17.0	11.0	40	112	16"	926"	26	43	69	Li
20	20.0	13.0	40	160	31.5"	927"	31	48	79	Li
C	22.0	14.0	40	180	31"	927"	32	56	88	Li
25	25.0	16.0	40	250	57"	361"	39	61	100	Li
D	32.0	19.0	40	355	44.5"	928"	40	79	119	Li
E	38.0	23.0	40	500	90"	930"	53	92	145	Li

WEDGE SECTION BELTS

SPZ	10.0	8.0	40	63	479mm	4000mm	13	37	50	Lp
SPA	13.0	10.0	40	90	576mm	9113mm	18	45	63	Lp
SPB	17.0	14.0	40	140	1000mm	23580mm	28	60	88	Lp
19	19.0	15.0	40	180	2253mm	9137mm	25	69	94	Lp
SPC	22.0	18.0	40	224	1861mm	23654mm	30	83	113	Lp

NARROW SECTION BELTS

3V	9.7	8.0	40	63	19.5"	160"	13	37	50	La
5V	15.8	14.0	40	140	48"	929"	25	60	85	La
8V	25.4	23.0	40	335	101"	931"	53	92	145	La

LIGHT DUTY SINGLE V-BELTS

3L	9.65	5.59	40	45	16"	173.5"	16	22	38	La
4L	12.7	7.87	40	65	17"	359"	14	36	50	La
5L	16.7	9.65	40	91	21"	199"	26	43	69	La

Features:
- Special CR treated outer jacketing fabric for higher durability
- Anti-static, oil & heat resistant
- Maximum Belt linear speed (Classical section: Up to 30 m/Sec, Wedge section: up to 42 m/Sec, Narrow section: up to 45 m/Sec)
- Temperature range: -18°C to +80°C

- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request

PIX-MUSCLE®-XS3 High-power, Maintenance-free, Wrap Belts

Reference Standards:
- BS 3790, ISO 4184
- RMA IP-22

Application:
Hot rolling mills, power plants, heat exchanger, compressors, vacuum pumps, grinders, kilns, blenders, paper & pulp industry, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Designation
				Min.	Max.	
MF3-SPZ	10.0	8.0	40	479mm	4000mm	Lp
MF3-SPA	13.0	10.0	40	576mm	9113mm	Lp
MF3-SPB	17.0	14.0	40	1000mm	23580mm	Lp
MF3-SPC	22.0	18.0	40	1861mm	23654mm	Lp
MF3-3V	9.7	8.0	40	19.5"	160"	La
MF3-5V	15.8	14.0	40	48"	929"	La
MF3-8V	25.4	23.0	40	101"	931"	La

Features:
- **Extremely high power rating - up to 50% more than standard Belts**
- **High efficiency up to 98%**
- **Special cords for maintenance-free operation**
- Extended service life and less machine down-time
- Anti-static complies with ISO 1813
- Superior oil and heat resistance
- **REACH and RoHS compliant, provides an eco-friendly system**
- **Extended temperature range from -25°C to +100°C**

WRAPPED BELTS

PIX-Terminator®-XS Heavy-duty, High-power, Wrap Belts

Reference Standards:
- BS 3790, ISO 4184,
- RMA IP-22

Application:
Vibrating screens, reclaimers, pulverisers, heavy duty mixers, forestry woodcutters, wood chippers, surface miners, stackers, stone crushers, jaw crushers, cone crushers, ball-mills, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
TR-A	13.0	8.0	40	90	15"	357"	Li
TR-B	17.0	11.0	40	112	16"	926"	Li
TR-C	22.0	14.0	40	180	31"	927"	Li
TR-SPA	13.0	10.0	40	90	576mm	9113mm	Lp
TR-SPB	17.0	14.0	40	140	1000mm	23580mm	Lp
TR-SPC	22.0	18.0	40	224	1861mm	23654mm	Lp
TR-3V	9.7	8.0	40	63	19.5"	160"	La
TR-5V	15.8	14.0	40	140	48"	929"	La
TR-8V	25.4	23.0	40	335	101"	931"	La

Features:
- **Superior power transmission capacity- Up to 55% more than the standard Belts**
- Especially treated outer tough cover fabric reduces sidewall wear rate and offers enhanced flexibility
- Special frictionless fabric and design to enhance heat dissipation rate
- **Special aramid cords for high tensile strength and minimum elongation**
- Designed to exhibit excellent durability, strength, abrasion and wear resistance
- **Superior performance under heavy shock and impulse loads**
- Extended temperature range: -25°C to +100°C

PIX-DUO®-XS Double-sided, Hexagonal Wrap Belts

Reference Standard:
- IS 11038-1984

Application:
Rice mills, husker machines, serpentine drives, poultry feather-pickers, dyeing units, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Diameter (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
AA	13.0	10.0	40	80.0	46"	254"	Le
BB	17.0	14.0	40	125.0	40"	924"	Le
CC	22.0	17.0	40	224.0	73"	924"	Le
25	25.0	22.0	40	280.0	88"	925"	Le
DD	32.0	25.0	40	355.0	158”	900"	Le

Features:
- Enhanced product life
- **Transmits power from both the sides**
- **Centre cord provides excellent power transmission and low-stretch**
- Special design provides an excellent flexibility for serpentine drives
- Temperature range: -18°C to +80°C

- Intermediate sizes are available upon request

PIX-DUO®-XS-N Double-sided, Hexagonal Wrap Notched Belts

Reference Standard:
- PIX proprietary

Application:
Textile drying machine

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Diameter (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
N-CC	24.0	30.0	40	224.0	153"	927"	Lp

Features:
- **Special notch provides high flexibility and extended service life**
- High dimensional stability restricts twisting of Belts on a longer span drive
- Smooth and noise-free operation

- Remaining all features are same as PIX-Duo®-XS Belt

WRAPPED BELTS

PIX-FRAS®-XS Fire-resistant, Anti-static, Wrap Belts

Belt Type	Sections
Classical	FRAS-8, FRAS-Z, FRAS-A, FRAS-B, FRAS-20, FRAS-C, FRAS-25, FRAS-D, FRAS-E
Wedge	FRAS-SPZ, FRAS-SPA, FRAS-SPB, FRAS-19, FRAS-SPC
Narrow	FRAS-3V, FRAS-5V, FRAS-8V
Classical Banded	FRAS-HA, FRAS-HB, FRAS-HC, FRAS-HD
Wedge Banded	FRAS-HSPZ, FRAS-HSPA, FRAS-HSPB, FRAS-HSPC
Narrow Banded	FRAS-H3V, FRAS-H5V, FRAS-H8V

Reference Standards:
- ATEX Certified
- IS 2494 Part-II
- ISO 1813, BS 3790
- ISO 5290, ISO 5291
- ISO 4148, RMA IP-22
- DIN 7753, DIN 2215

Application:
Petrochemical industries, coal mines, fire-prone areas, gas stations, applications involving inflammable substances, etc.

Features:
- **Ensures high level of protection against fire hazards**
- **Fire resistance properties complies as per IS 2494 Part-II standard**
- **Anti-static values found 10 to 15 times superior than the maximum limit, as per ISO 1813**
- **ATEX certified**
- Resistance to emit inflammable substances, while in operation
- Longer service life
- Anti-static, oil and heat resistant
- Extended temperature range: -25°C to +100°C

PIX-IGLOO®-XS Low-temperature Wrap Belts

Belt Type	Sections
Classical	IG-Z, IG-A, IG-B, IG-C
Wedge	IG-SPZ, IG-SPA, IG-SPB, IG-SPC
Narrow	IG-3V, IG-5V, IG-8V
Classical Banded	IG-HA, IG-HB, IG-HC
Wedge Banded	IG-HSPZ, IG-HSPA, IG-HSPB, IG-HSPC
Narrow Banded	IG-H3V, IG-H5V

Reference Standards:
- BS 3790, IS 2494, ISO 4184
- RMA IP-22, ISO 5290
- ISO 5291

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

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

PIX-DryCover®-XS Dry-cover Wrap Belts

Belt Type	Sections
Classical	DC-A, DC-B, DC-C, DC-D
Wedge	DC-SPZ, DC-SPA, DC-SPB, DC-SPC
Narrow	DC-3V, DC-5V
Light Duty Belts	DC-3L, DC-4L, DC-5L

Reference Standards:
- BS 3790
- RMA IP-22, RMA IP-23

Application:
Food industry, clutch drives, etc.

Features:
- **Frictionless cover, suitable for drives with clutching application**
- **Designed for applications, where dust formation is not acceptable**
- Available in aramid and polyester cord constructions
- Available in different colours - blue, green, brown, black and white
- Temperature range: -18°C to +80°C

WRAPPED BELTS

PIX-DuraBand®-XS Banded Wrap Belts

Reference Standards:
- ISO 5290, BS 3790
- RMA IP-22

Application:
Crushers, pulverisers, pulpers, compressors, vibrating screens, generators, rolling mills, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
HA	13.0	10.5	40	15.9	33"	255"	Li
HB	17.0	14.5	40	19.0	43"	900"	Li
HC	22.0	17.0	40	25.5	47"	923"	Li
HD	32.0	21.5	40	37.0	90"	923"	Li
HE	38.0	27.0	40	44.5	90"	922"	Li
HSPZ	10.0	10.0	40	12.0	1180mm	9080mm	Lp
HSPA	13.0	12.0	40	15.0	959mm	4439mm	Lp
HSPB	17.0	17.0	40	19.0	1762mm	9331mm	Lp
HSPC	22.0	22.5	40	25.5	1632mm	23527mm	Lp
H3V	9.70	10.5	40	10.3	35"	176"	La
H5V	15.8	16.5	40	17.5	50"	923"	La
H8V	25.4	25.0	40	28.6	100"	926"	La

Features:
- **Enhanced power transmission capacity up to 25%, compared to standard Belts**
- Lesser number of Belts is required as compared to multiple single-Belt drive system
- Extended service life
- **Top curvature provides superior adhesion and accelerated heat dissipation rate**
- **Controlled radial and lateral run-out facilitates smooth operation**
- Anti-static, oil and heat resistant
- Temperature range: -18°C to +80°C

- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request

PIX-MUSCLE®-HXS3 High-power, Maintenance-free, Banded Wrap Belts

Reference Standards:
- BS 3790, ISO 4184
- RMA IP-22

Application:
Hot rolling mills, power plants, heat exchanger, compressors, vacuum pumps, grinders, kilns, blenders, paper & pulp industry, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
MF3-HSPZ	10.0	10.0	40	12.0	1180mm	9080mm	Lp
MF3-HSPA	13.0	12.0	40	15.0	959mm	4439mm	Lp
MF3-HSPB	17.0	17.0	40	19.0	1762mm	9331mm	Lp
MF3-HSPC	22.0	22.5	40	25.5	1632mm	23527mm	Lp
MF3-H3V	9.70	10.5	40	10.3	35"	176"	La
MF3-H5V	15.8	16.5	40	17.5	50"	923"	La
MF3-H8V	25.4	25.0	40	28.6	100"	926"	La

Features:
- **Superior power transmission capacity up to 60% more than the standard single Belts**
- **Especially engineered cords for maintenance-free operation**
- **Superior compound design for high thermal resistance and extended service life**
- **Top curvature provides superior adhesion and accelerated heat dissipation rate**
- **Controlled radial and lateral run-out facilitates smooth operation**
- Anti-static oil and heat resistance
- **REACH and RoHS compliant, provides an eco-friendly system**
- **Extended temperature range from -25°C to +100°C**

WRAPPED BELTS

PIX-*Terminator*®-*HXS* Heavy-duty, High-power, Banded Wrap Belts

Reference Standards:
- BS 3790, ISO 5290, ISO 5291
- RMA IP-22

Application:
Vibrating screens, reclaimers, pulverisers, heavy duty mixers, forestry woodcutters, wood chippers, surface miners, stackers, stone crushers, jaw crushers, cone crushers, ball-mills, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
TR-HA	13.0	10.5	40	15.9	33"	255"	Li
TR-HB	17.0	14.5	40	19.0	43"	900"	Li
TR-HC	22.0	17.0	40	25.5	47"	923"	Li
TR-HSPA	13.0	12.0	40	15.0	959mm	4439mm	Lp
TR-HSPB	17.0	17.0	40	19.0	1762mm	9331mm	Lp
TR-HSPC	22.0	22.5	40	25.5	1632mm	23527mm	Lp
TR-H5V	15.8	16.5	40	17.5	50"	923"	La
TR-H8V	25.4	25.0	40	28.6	100"	926"	La

Features:
- **Superior power transmission capacity- Up to 70% more than the standard single Belts**
- Especially treated outer tough cover fabric reduces sidewall wear rate and offers enhanced flexibility
- **Top curvature profile and special frictionless fabric to enhance the heat dissipation rate**
- **Special aramid cords for high tensile strength and minimum elongation**
- Designed to exhibit excellent durability, strength, abrasion and wear resistance
- **Best suited for heavy shock and impulse load drives**
- Extended temperature range: -25°C to +100°C

PIX-*X'set*®-*VS* Variable-speed Wrap Belts

Reference Standards:
- ISO 3410:1989 / BS 3733: 1974

Application:
Variable speed pulley drives requiring exact speed control and maximum range of speed changes, recreational equipment, machine tools, etc.

Section	Angle (Degree)	Manufacturing Range		Length Designation
		Min.	Max.	
17x8	40	800 mm	1652 mm	Li
25x13 / HI	30	1080 mm	6452 mm	Li
32x15 / HJ	30	1171 mm	8240 mm	Lp
38x18 / HK	30	1500 mm	9170 mm	Lp
45x20 / HL	30	1608 mm	6663 mm	Lp
51x22 / HM	30	1891 mm	10088 mm	Lp
Non-standard sizes				
13x11	40	1067 mm	2057 mm	Li
15x9	40	572 mm	6452 mm	Li
19x11	40	1057 mm	3937 mm	Li
21x9	40	991 mm	1930 mm	Li
22x16	40	1727 mm	6553 mm	Li
30x12	30	1626mm	6604 mm	Li
33x22	30	3912 mm	22860 mm	Li
38x23	26	2362 mm	8966 mm	Li
40x20	30	1727mm	6579 mm	Li
55x22	30	1829 mm	6579 mm	Li
60x25	30	1854 mm	6579 mm	Li
68x24	32	2540 mm	9042 mm	Li

Features:
- **Excellent transverse rigidity and flexibility to prevent bucking at minimum diameter settings, where Belt stress is more**
- Firm gripping action with the contact area; provides positive traction for precise speed control
- Higher power transmission capacity
- Longer service life
- Facilitates smooth running without excessive vibrations
- Specific Belt design for maximum longitudinal flexibility
- Temperature range: -18°C to +80°C

- Aramid cord construction Belts are available upon request

WRAPPED BELTS

PIX- Special-construction Wrap Belts

Application:
Food-grain & ceramic industry

PIX-ECHELON®-XS (PT-O)

Section	Top Width (mm)	Thickness (mm)	Top profile Thickness (mm)	Angle (Degree)	Mfg. Range		Length Desig.
					Min.	Max.	
PTO-A(13x13)	13.0	13.0	5.0	40	48"	356"	Li
PTO-B(17x14)	17.0	14.0	3.0	40	85"	923"	Li
PTO-B(17x16)	17.0	16.0	5.0	40	85"	923"	Li
PTO-C	22.0	17.0	3.0	40	149"	923"	Li
PTO-37 x 25	37.0	25.0	5.0	40	161"	900"	Li

Note: Different top profile thickness can be made available upon request

Application:
Ceramic and food industry

PIX-TEXTURA®-XS (PT-HC)

Section	Top Width (mm)	Thickness (mm)	Top profile Thickness (mm)	Angle (Degree)	Mfg. Range		Length Desig.
					Min.	Max.	
PTHC-B(17x17)	17.0	17.0	6.0	40	16"	926"	Li
PTHC-C(22x20)	22.0	20.0	6.0	40	31"	927"	Li

Application:
Ceramic industry

PIX-CERAMICA®-XS (PT-6)

Section	Top Width (mm)	Thickness (mm)	Top profile Thickness (mm)	Angle (Degree)	Mfg. Range		Length Desig.
					Min.	Max.	
PT6-B(17x22)	17.0	22.0	11.0	40	42"	357"	Li
PT6-B(17x26)	17.0	26.0	15.0	40	42"	357"	Li
PT6-C(22x25)	22.0	25.0	11.0	40	73"	923"	Li

Application:
Ceramic industry

PIX-X'press®-XS

Section	Top Width (mm)	Thickness (mm)	Top profile Thickness (mm)	Angle (Degree)	Mfg. Range		Length Desig.
					Min.	Max.	
PTX-20x12.5	20.0	15.0	2.5	40	50"	929"	Li

Application:
Carrot harvesters, horticultural machines, etc.

PIX-EXTRACTOR®-XS (PT-7)

Section	Top Width (mm)	Thickness (mm)	Top profile Thickness (mm)	Angle (Degree)	Mfg. Range		Length Desig.
					Min.	Max.	
PT7-D(32x26)	32.0	26.0	7.0	40	142"	924"	Li
PT7-37(37x25)	37.0	25.0	7.0	40	116"	371"	Li

PIX-PTU

Section	Top Width (mm)	Thickness (mm)	Top profile Thickness (mm)	Angle (Degree)	Mfg. Range		Length Desig.
					Min.	Max.	
PTU-B	17.0	16.5	5.5	40	Up to	36.5"	Li

Application:
Medical wheel-chairs

Features:

- Application-specific, robust Belt design
- Longer service life
- High tensile strength with minimum elongation
- Excellent adhesion strength to eliminate top profile separation
- Designed for applications where power transmission and conveying of material is done simultaneously
- Temperature range: -18°C to +80°C
- Reference standard: PIX proprietary

WRAPPED BELTS

PIX-LawnMaster® Lawn Mower Wrap Belts

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Mfg. Range		Length Designation
				Min.	Max.	
DCBU-3L	9.65	5.59	40	16"	173.5"	La
DCBU-4L	12.7	7.87	40	17"	359"	La
DCBU-5L	16.7	9.65	40	21"	199"	La

Reference Standard:
- RMA IP-23

Application:
Lawn & garden machinery

Features:
- **Aramid cords offer high tensile strength, high resistance to shock loads and minimum elongation**
- **Specially designed bare fabric facilitates smooth clutching operation and high resistance to wear and tear**
- **Able to withstand high levels of reverse flexing**
- Resistance to oil, heat and cracking
- Temperature range: -18°C to +80°C

- Intermediate sizes and OEM parts are available upon request.

PIX-ENFORCER®-XS High-power, High-strength, Inversely Flexible Wrap Belts

Section	Top Width (mm)	Thickness (mm)	Mfg. Range		Length Designation
			Min.	Max.	
RH80-A	13.0	8.0	46”	185”	Lp
RH80-B	17.0	10.0	46”	185”	Lp
RH80-C	22.0	11.0	46”	185”	Lp

Reference Standard:
- PIX proprietary

Application:
Rice harvesters, planters, lawn & garden machinery, etc.

Features:
- **Superior power transmission capacity as compared to standard Belts**
- Specially treated outer cover fabric for high wear resistance
- **Specially coated aramid cords for superior strength and offers minimum elongation**
- **Unique design in wrap construction to facilitate operation over smaller pulley diameters with acute reverse bends**
- Suitable for shock load drives
- Longer service life
- Extended temperature range: -25°C to + 100°C

- Intermediate sizes are available upon request

PIX-VALIANT®-XS High-power, Inversely Flexible Wrap Belts

Section	Top Width (mm)	Thickness (mm)	Mfg. Range		Length Designation
			Min.	Max.	
RHR2-A	13.0	8.0	46”	185”	Lp
RHR2-B	17.0	10.0	46”	185”	Lp
RHR2-C	22.0	11.0	46”	185”	Lp

Reference Standard:
- PIX proprietary

Application:
Rice harvesters, planters, lawn & garden machinery, etc.

Features:
- **High power transmission capacity as compared to standard Belts**
- High tensile strength
- **Special design in wrap construction to facilitate operation on smaller diameter pulley with an acute reverse bend**
- Extended service life
- Extended temperature range: -25°C to + 100°C

- Intermediate sizes are available upon request

WRAPPED BELTS

PIX-HARVESTER®-VS Agricultural Wrap Belts

Reference Standards:
- ISO 3410:1989 / BS 3733: 1974
- ASAE 211-3 & 4

Application:
Combine harvesters, straw walker drives, threshing drives, agriculture tillers, rippers, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Mfg. Range		Length Desig.
				Min.	Max.	
AG-B(17x11)	17.0	11.0	40	16.0"	926.0"	Li
AG-C(22x14)	22.0	14.0	40	31.0"	927.0"	Li
AG-25x13	25.0	13.0	30	42.5"	252.0"	Li
AG-32x15	32.0	15.0	30	43.7"	322.0"	Li
AG-38x18	38.0	18.0	30	56.0"	358.0"	Li
AG-45x20	45.0	20.0	30	60.0"	259.0"	Li
AG-51x22	51.0	22.0	30	71.0"	374.0"	Li

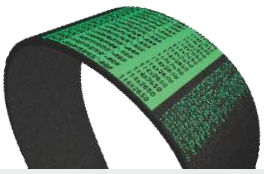
Non-standard sizes

AG-13x11	13.0	11.0	40	42.0"	81.0"	Li
AG-15x9	15.0	9.0	40	22.5"	254.0"	Li
AG-19x11	19.0	11.0	40	41.6"	155.0"	Li
AG-21x9	21.0	9.0	40	39.0"	76.0"	Li
AG-22x11	22.0	11.0	40	42.0"	354.0"	Li
AG-22x16	22.0	16.0	40	68.0"	258.0"	Li
AG-30x12	30.0	12.0	30	64.0"	260.0"	Li
AG-33x22	33.0	22.0	30	154.0"	900.0"	Li
AG-38x23	38.0	23.0	26	93.0"	353.0"	Li
AG-40x20	40.0	20.0	30	68.0"	259.0"	Li
AG-55x22	55.0	22.0	30	72.0"	259.0"	Li
AG-60x25	60.0	25.0	30	73.0"	259.0"	Li
AG-68x24	68.0	24.0	32	96.0"	356.0"	Li

Features:
- **Highly flexible, suitable for smaller diameter pulleys**
- **High power transmission than standard Belts**
- **High tensile strength**
- Excellent performance under variable load conditions
- Temperature range: -18°C to +80°C

- Aramid cord construction Belts are available upon request.

PIX-HARVESTER®-AGF Agricultural Flat Belts



Reference Standard:
- PIX proprietary

Application:
Combine harvester, paper industry, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Mfg. Range		Length Designation
				Min.	Max.	
50Fx6	50.0	6.0	-	31.5"	76"	Li
75Fx6	75.0	6.0	-	106"	352"	Li
80Fx6	80.0	6.0	-	77"	254"	Li
95Fx6	95.0	6.0	-	106"	315"	Li
100Fx6	100.0	6.0	-	85"	317"	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"	317"	Li
140Fx6	140.0	6.0	-	106"	317"	Li
150Fx6	150.0	6.0	-	106"	317"	Li

Features:
- High abrasion resistant outer cover
- High tensile strength with minimum elongation
- Suitable for harvester traction drives
- Temperature range: -18°C to +80°C

- Intermediate sizes are available upon request.

RAW EDGE COGGED BELTS

PIX-X'tra® Moulded Raw Edge Cogged Belts

Reference Standards:
- IS 2494, BS 3790, ISO 4184
- RMA IP 22
- RMA IP 23

Application:
Compressors, pumps, fans, vacuum pumps, blowers, generators, heat exchanger, industrial drives, etc.

CLASSICAL SECTION BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Mfg.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	40.0	21.5"	200"	16	22	38	Li
AX	13.0	8.0	36	63.0	21.5"	200"	14	36	50	Li
BX	17.0	11.0	36	90.0	21.5"	200"	26	43	69	Li
CX	22.0	14.0	36	140.0	23.5"	200"	32	56	88	Li
DX	32.0	19.0	38	280.0	40.0"	200"	40	79	119	Li

WEDGE SECTION BELTS

XPZ	10.0	8.0	36	56.0	550mm	5000mm	13	37	50	Lp
XPA	13.0	10.0	36	71.0	550mm	5000mm	18	45	63	Lp
XPB	16.3	14.0	36	112.0	550mm	5000mm	28	60	88	Lp
XPC	22.0	18.0	38	180.0	600mm	6300mm	30	83	113	Lp

NARROW SECTION BELTS

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

LIGHT DUTY SINGLE V-BELTS

2LX	6.30	4.00	36	25.0	21.5"	200"	-	-	-	La
3LX	9.65	5.59	36	36.0	21.5"	200"	16	22	38	La
4LX	12.70	7.87	36	58.0	21.5"	200"	14	36	50	La
5LX	16.70	9.65	36	72.0	21.5"	200"	26	43	69	La

Features:
- **Higher power transmission capacity than Wrapped Belts**
- **Special cog design for enhanced flexibility and heat dissipation rate**
- **Suitable for drives using smaller diameter pulleys and high RPM**
- Anti-static, oil and heat resistant
- 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: -25°C to +100°C

- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request

PIX-MUSCLE®-XR3 High-power, Maintenance-free, Moulded Raw Edge Cogged Belts

Reference Standards:
- BS 3790, ISO 4184
- RMA IP-22

Application:
High temperature industrial drives, compressors, blowers, high power presses, hot rolling mills, textile machinery, ID fan, FD fans, excavators, pumps, generators, pulverisers, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Mfg. Range		Length Designation
				Min.	Max.	
MF3-XPZ	10.0	8.0	36	550mm	5000mm	Lp
MF3-XPA	13.0	10.0	36	550mm	5000mm	Lp
MF3-XPB	16.3	14.0	36	550mm	5000mm	Lp
MF3-XPC	22.0	18.0	38	600mm	6300mm	Lp
MF3-3VX	9.70	8.0	38	23.5"	200"	La
MF3-5VX	15.8	14.0	38	23.5"	200"	La

Features:
- **Exceptionally high power rating - up to 50% more than standard Belts**
- Special cog design facilitates enhanced flexibility and quicker heat dissipation
- High transmission efficiency up to 98%, providing optimum output
- **Maintenance-free property, less machine downtime and an extended service life**
- Complies with ISO 1813 - for anti-static property
- **Space saving potential**
- **REACH and RoHS compliant, provides an eco-friendly system**
- Smooth operation with a minimum tension-drop
- **Temperature range from -35°C to +130°C**

RAW EDGE COGGED BELTS

PIX-DUO®-XV Double-cog, Variable-speed, Moulded Raw Edge Cogged Belts

Section	Top Width "TW" (mm)	Thickness "TH" (mm)	Angle "A" (Degree)	Mfg. Range "L"		Length Desig.
				Min.	Max.	
XX-TW TH A L	13.0 - 85.0	10.0 to 30.0	22 to 40	25.0"	200"	Li

Reference Standard:
- PIX proprietary

Application:
Textile machinery, milling machines, ring frames, etc.

Features:
- **Double-sided cog profile offers enhanced flexibility, heat dissipation rate**
- Excellent dimensional stability
- High lateral rigidity
- **Designed specially to perform smoothly on small pulley diameters**
- Temperature range: -25°C to +100°C

PIX-DUO®-XR Double-cog, Hexagonal Moulded Raw Edge Cogged Belts

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Diameter (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
AAX	13.0	10.0	36	60.0	31.5"	118.0"	Le
BBX	17.0	14.0	36	85.0	31.5"	200.0"	Le
CCX	22.0	17.0	36	130.0	39.5"	118.0"	Le

Reference Standard:
- IS 11038-1984

Application:
Husker machines, rice mills, serpentine drives, textile units, etc.

Features:
- **Highly flexible, suitable for small diameter pulleys**
- **High heat dissipation rate**
- **Power transmission from both the sides of the Belt**
- Enhanced power rating compared to the standard hexagonal Belts
- Suitable for serpentine drives
- Anti-static, oil and heat resistant
- Temperature range: -25°C to +100°C

PIX-FRAS®-XR Fire-resistant, Anti-static, Moulded Raw Edge Cogged Belts

Belt Type	Sections
Classical	FRAS-ZX, FRAS-AX, FRAS-BX, FRAS-CX
Wedge	FRAS-XPZ, FRAS-XPA, FRAS-XPB, FRAS-XPC
Narrow	FRAS-3VX, FRAS-5VX, FRAS-8VX

Reference Standards:
- ATEX Certified
- IS 2494 Part-II
- ISO 1813
- BS 3790, ISO 4184
- RMA IP-22

Application:
Petrochemical industries, coal mines, fire-prone areas, gas stations, applications involving inflammable substances, etc.

Features:
- **Ensures high level of protection against fire hazards**
- **Fire resistance properties complies as per IS 2494 Part-II standard**
- **Anti-static values found 10 to 15 times superior than the maximum specified value, as per ISO 1813**
- **ATEX certified**
- Resistance to emit inflammable substances, while in operation
- Enhanced heat dissipation rate
- Superior performance over smaller diameter pulleys
- Longer service life
- Temperature range: -25°C to +100°C

RAW EDGE COGGED BELTS

PIX-X'tra®-XP

Raw-Edge-Plain Belts

PIX-X'tra®-XL

Raw-Edge-Laminated Belts

Reference Standards:
- IS 2494, BS 3790, ISO 4184
- RMA IP-22
- RMA IP-23

Application:
Industrial equipment, agricultural machinery, lawnmowers, engine drives, etc.

CLASSICAL SECTION BELTS

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Min. Pulley Dia. (mm)	Mfg. Range		Belt Length Factor			Length Desig.
					Min.	Max.	Lp to La (mm)	Li to Lp (mm)	Li to La (mm)	
XP-ZX/XL-ZX	10.0	6.0	36	40.0	21.5"	200"	16	22	38	Li
XP-AX/XL-AX	13.0	8.0	36	63.0	21.5"	200"	14	36	50	Li
XP-BX/XL-BX	17.0	11.0	36	90.0	21.5"	200"	26	43	69	Li
XP-CX/XL-CX	22.0	14.0	36	140.0	23.5"	200"	32	56	88	Li
XP-DX/XL-DX	32.0	19.0	38	280.0	40.0"	200"	40	79	119	Li

WEDGE SECTION BELTS

XP-XPZ/XL-XPZ	10.0	8.0	36	56.0	550mm	5000mm	13	37	50	Lp
XP-XPA/XL-XPA	13.0	10.0	36	71.0	550mm	5000mm	18	45	63	Lp
XP-XPB/XL-XPB	17.0	14.0	36	112.0	550mm	5000mm	28	60	88	Lp
XP-XPC/XL-XPC	22.0	18.0	38	180.0	600mm	6300mm	30	83	113	Lp

NARROW SECTION BELTS

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

LIGHT DUTY SINGLE V-BELTS

XP-2LX/XL-2LX	6.30	4.00	36	25.0	21.5"	200"	-	-	-	La
XP-3LX/XL-3LX	9.65	5.59	36	36.0	21.5"	200"	16	22	38	La
XP-4LX/XL-4LX	12.70	7.87	36	58.0	21.5"	200"	14	36	50	La
XP-5LX/XL-5LX	16.70	9.65	36	72.0	21.5"	200"	26	43	69	La

Features:
- High power transmission capacity than Wrap Belts
- **Superior transverse stiffness and high wear resistant**
- **Multilayer fabric eliminates bottom-crack**
- Anti-static, oil and heat resistant
- Suitable for applications with back idlers
- Temperature range: -25°C to +100°C

- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request

PIX-Spectra®-XR

Centre-corded, Extremely Flexible, Raw Edge Laminated Belts

Reference Standard:
- BS 3790

Application:
Used in multiple applications, where drive demands for high power and reverse bending properties.

Section	Top Width (mm)	Thickness (mm)	Mfg. Range	
			Min.	Max.
CC-AX	12.70	8.50	24"	200"
CC-BX	15.50	11.00	24"	200"
CC-CX	22.00	14.00	51"	200"

Features:
- **High power rating compared to standard Wrap Belts**
- **High tensile strength**
- **Improved flexibility and best suited for back idler applications**
- Superior Belt life
- Temperature range: - 25°C to +100°C

- Intermediate sizes are available upon request

RAW EDGE COGGED BELTS

PIX-DuraBand®-XR Banded Moulded Raw Edge Cogged Belts

Reference Standards:
- ISO 5290, BS 3790
- RMA IP 22

Application:
Compressors, generators, blowers, hot rolling mills, agitators, industrial fans, separators, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Mfg. 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	600mm	5000mm	Lp
HXPA	13.0	12.0	36	15.0	600mm	5000mm	Lp
HXPB	17.0	16.0	36	19.0	600mm	5000mm	Lp
HXPC	22.0	20.0	36	25.5	600mm	5000mm	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:
- **Extended power transmission capacity up to 25% as compared to standard single Belts**
- Lesser number of Belts is required as compared to a multiple single-Belt drive
- **Unique cog profile enhances the flexibility and heat dissipation rate**
- Extended service life
- Anti-static, oil and heat resistant
- Temperature range: -25°C to +100°C

- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request

PIX-MUSCLE®-HXR3 High-power, Maintenance-free, Banded Moulded Raw Edge Cogged Belts

Reference Standards:
- ISO 5290, ISO 5291, BS 3790
- RMA IP-22

Application:
High temperature industrial drives, compressors, blowers, high power presses, hot rolling mills, textile machinery, ID fan, FD fans, excavators, pumps, generators, pulverisers, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
MF3-HXPZ	10.0	10.0	36	12.0	600mm	5000mm	Lp
MF3-HXPA	13.0	12.0	36	15.0	600mm	5000mm	Lp
MF3-HXPB	17.0	16.0	36	19.0	600mm	5000mm	Lp
MF3-HXPC	22.0	20.0	36	25.5	600mm	5000mm	Lp
MF3-H3VX	9.70	10.0	36	10.3	23.5"	200"	La
MF3-H5VX	15.8	16.0	36	17.5	23.5"	200"	La

Features:
- **Superior power transmission capacity up to 60% more than standard single Belts**
- **Special cog design facilitates enhanced flexibility and quicker heat dissipation**
- High transmission efficiency up to 98%, providing optimum output
- **Maintenance-free property, less machine downtime and an extended service life**
- Complies with ISO 1813 - for anti-static property
- **Space saving potential**
- **REACH & RoHS compliant, provides an eco-friendly system**
- Smooth operation with a minimum tension-drop
- **Temperature range from -35°C to +130°C**

RAW EDGE COGGED BELTS

PIX-X'tra®-XV Variable-speed, Moulded Raw Edge Cogged Belts

Reference Standards:
- RMA IP-25/1991
- ISO 3410:1989 (E) / ASAE S211-4

Application:
Variable speed pulley drives requiring exact speed control and maximum range of speed changes, recreational equipment, machine tools, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Mfg. Range (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	550.0	5000.0	15.0	35.0	50
30V-A22/1922V	30.0	10.0	22	550.0	5000.0	20.0	42.0	62
37V-A22/2322V	37.0	11.0	22	550.0	5000.0	23.0	46.0	69
30V-A26/1926V	30.0	11.0	26	550.0	5000.0	23.0	46.0	69
46V-A26/2926V	46.0	13.0	26	550.0	5000.0	27.0	55.0	82
51V-A26/3226V	51.0	13.0	26	550.0	5000.0	27.0	55.0	82
40V-A30/2530V	40.0	15.0	30	635.0	5000.0	30.0	65.0	95
51V-A30/3230V	51.0	16.0	30	635.0	5000.0	33.0	67.0	100
70V-A30/4430V	70.0	18.0	30	635.0	5000.0	37.0	77.0	114
64V-A36/4036V	64.0	18.0	36	635.0	5000.0	37.0	77.0	114
70V-A36/4436V	70.0	18.0	36	635.0	5000.0	37.0	77.0	114
76V-A36/4836V	76.0	19.0	36	635.0	5000.0	39.0	81.0	120
(Reference Standards: ISO 3410:1989 (E) / ASAE S211-4)								
XHG	17.0	8.0	26	550.0	5000.0	15.0	35.0	50.0
XHH	20.0	10.0	26	550.0	5000.0	20.0	42.0	62.0
XHI	25.0	13.0	26	550.0	5000.0	27.0	55.0	82.0
XHJ	32.0	15.0	26	750.0	5000.0	30.0	65.0	95.0
XHK	38.0	18.0	26	750.0	5000.0	37.0	77.0	114.0
XHL	45.0	20.0	26	750.0	5000.0	40.0	82.0	122.0
XHM	51.0	22.0	26	750.0	5000.0	45.0	90.0	135.0
XHN	57.0	24.0	26	750.0	5000.0	50.0	100.0	150.0
XHO	64.0	25.0	26	750.0	5000.0	53.0	106.0	159.0
Non-standard Sections								
Special	6 to 85	5 to 30	22 to 40	21.5" Li	200" Li	Variable	Variable	Variable

Features:
- **Excellent transverse rigidity and flexibility to prevent bucking at minimum diameter pulleys**
- Superior grip to avoid slippage while operating under frequent speed variations
- Longer service-life
- **Facilitates smooth running without excessive vibrations**
- Specific Belt-design for maximum longitudinal flexibility
- Temperature range: -25°C to +100°C

- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request

PIX-PowerTex®-XV2 Textile Machinery, Moulded Raw Edge Cogged Belts

Reference Standard:
- PIX proprietary

Application:
Spinning mills, ring frames, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Length (mm)	Length Desig.
X62x22I-K-1745	62.0	22.0	30	1745	Li
X70x22I-K-1700	70.0	22.0	30	1700	Li
X70x22I-K-1800	70.0	22.0	30	1800	Li
X70x30I-K-1810	70.0	30.0	30	1810	Li

Features:
- **Specially designed to meet high power transmission requirements in textile spinning machines**
- **Specially treated aramid cords for high tensile strength**
- Unique cog profile and compound provides excellent grip over changing speed drives
- Temperature range: -25°C to +100°C

- Other sizes are available on request

RAW EDGE COGGED BELTS

PIX-HARVESTER®-XV Agricultural Moulded Raw Edge Cogged Belts

Reference Standards:
- RMA IP-25/1991
- ISO 3410:1989 (E) / ASAE S211-4

Application:
Combine harvesters, straw walker drives, threshing drives, agriculture tillers, rippers, etc.

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Mfg. Range (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	550.0	5000.0	15.0	35.0	50
30V-A22/1922V	30.0	10.0	22	550.0	5000.0	20.0	42.0	62
37V-A22/2322V	37.0	11.0	22	550.0	5000.0	23.0	46.0	69
30V-A26/1926V	30.0	11.0	26	550.0	5000.0	23.0	46.0	69
46V-A26/2926V	46.0	13.0	26	550.0	5000.0	27.0	55.0	82
51V-A26/3226V	51.0	13.0	26	550.0	5000.0	27.0	55.0	82
40V-A30/2530V	40.0	15.0	30	635.0	5000.0	30.0	65.0	95
51V-A30/3230V	51.0	16.0	30	635.0	5000.0	33.0	67.0	100
70V-A30/4430V	70.0	18.0	30	635.0	5000.0	37.0	77.0	114
64V-A36/4036V	64.0	18.0	36	635.0	5000.0	37.0	77.0	114
70V-A36/4436V	70.0	18.0	36	635.0	5000.0	37.0	77.0	114
76V-A36/4836V	76.0	19.0	36	635.0	5000.0	39.0	81.0	120
AG-XHG	17.0	8.0	26	550.0	5000.0	15.0	35.0	50.0
AG-XHH	20.0	10.0	26	550.0	5000.0	20.0	42.0	62.0
AG-XHI	25.0	13.0	26	550.0	5000.0	27.0	55.0	82.0
AG-XHJ	32.0	15.0	26	750.0	5000.0	30.0	65.0	95.0
AG-XHK	38.0	18.0	26	750.0	5000.0	37.0	77.0	114.0
AG-XHL	45.0	20.0	26	750.0	5000.0	40.0	82.0	122.0
AG-XHM	51.0	22.0	26	750.0	5000.0	45.0	90.0	135.0
AG-XHN	57.0	24.0	26	750.0	5000.0	50.0	100.0	150.0
AG-XHO	64.0	25.0	26	750.0	5000.0	53.0	106.0	159.0

Features:
- **Specially designed for applications using smaller diameter pulleys**
- **Highly flexible and accelerated heat dissipation rate**
- Excellent performance under variable load conditions
- Temperature range: -25°C to +100°C

- Special Double-sided, Cog Variator Belts are available upon request
- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request

PIX-DOMINATOR®-XR High-power, High-strength, Moulded Raw Edge Cogged Belts

Reference Standard:
- PIX proprietary

Application:
Rice harvesters

Section	Top Width (mm)	Thickness (mm)	Mfg. Range		Length Designation
			Min.	Max.	
RH10-BX	17.0	10.0	22”	85”	Lp
RH10-CX	22.0	11.0	22”	85”	Lp

Features:
- **Superior high power transmission capacity**
- **Aramid cord reinforcement for high tensile strength**
- Lower elongation and slippage
- **Excellent performance under heavy shock load conditions**
- Superior lateral rigidity and longitudinal flexibility
- Suitable for drives with small pulley diameters
- Suitable for heavy duty, high speed applications
- Anti-static, oil and heat resistant
- Temperature range: -25°C to + 100°C

RIBBED / POLY-V BELTS

PIX-X'ceed® Ribbed / Poly-V Belts

Reference standards:
- RMA IP-26, ISO 9982
- DIN 7867

Application:
Crude oil pumps, spreaders, seeding machines, vegetable crushers, household appliances, washing machines, dryers, machine tools, grinders, etc.

Section	Thickness (mm)	Rib Pitch (mm)	Min. Pulley Diameter (mm)	No. of possible Ribs	Manufacturing Range	Length Desig.
PH	2.90	1.60	13.0	2 to 330	280mm to 2600mm	Le
PJ	3.80	2.34	20.0	2 to 235	280mm to 5000mm	Le
PK	4.50	3.56	45.0	2 to 150	280mm to 5000mm	Le
PL	7.60	4.70	75.0	2 to 110	500mm to 5000mm	Le
				2 to 45	> 5001mm to 12000mm	
PM	13.3	9.40	180.0	2 to 52	950mm to 5000mm	Le
				2 to 20	> 5001mm to 12000mm	

Features:
- High power transmission capacity
- **Suitable for small pulley diameters**
- **Maximum Belt linear speed up to 60 m/Sec**
- **Highly flexible, noise free and smooth running**
- Suitable for speed ratios up to 1:30
- Anti-static oil & heat resistant
- Temperature range: -25°C to +100°C

PIX-DUO®-XC Double-sided Poly-V Belts

Reference standards:
- RMA IP-26
- ISO 9982

Application:
Flour mills, serpentine drives, textile machinery, engines, industrial compressors, gardening equipment, etc.

PIX-DUO®-XC:
DPK: 2 to 13 ribs, DPL: 2 to 28 ribs

Manufacturing range:
DPK Section: 1195 mm to 3255 mm
DPL Section: 1195 mm to 3070 mm

Features:
- Highly flexible and reduced bending stress
- Suitable for smaller pulley diameters
- Optimum performance even at higher speed
- **Suitable for the drives with pulleys rotating in clockwise and anti-clockwise directions**
- **Twin contact surface area, power transmission through both the sides of the Belt**
- Temperature range: -25°C to +100°C

PIX-FRAS®-XC Fire-resistant, Anti-static, Poly-V Belts

Reference standards:
- ATEX Certified
- IS 2494 Part-II
- ISO 1813
- RMA IP-26, ISO 9982
- DIN 7867

Application:
Petrochemical industries, coal mines, fire-prone areas, gas stations, applications involving inflammable substances, etc.

Belt Type	Sections
Poly-V	FRAS-PJ
Poly-V	FRAS-PK
Poly-V	FRAS-PL
Poly-V	FRAS-PM

Features:
- **Ensures high level of protection against fire hazards**
- **Fire resistant and anti-static properties as per ISO 1813**
- **ATEX certified**
- Suitable for high speed serpentine drives using smaller diameter pulleys
- Temperature range: -25°C to +100°C

RIBBED / POLY-V BELTS

PIX-THERMAL®-XC High-temperature Poly-V Belts

Belt Type	Sections
Poly-V	HT-PJ
Poly-V	HT-PK
Poly-V	HT-PL

Reference standards:
- RMA IP-26
- ISO 9982, DIN 7867

Application:
Lawn mowers, dryers, wet grinders, washing machines, generators, etc.

Features:
- **High power transmission capacity**
- Suitable for small pulley diameters
- **Maximum Belt linear speed up to 60 m/Sec**
- Extended service life
- **High temperature resistant from: -35°C to +130°C**

PIX-PolyStretch®-XC Elasticated Poly-V Belts

Section	Thickness (mm)	Rib Pitch (mm)	No. of possible Ribs	Manufacturing Range	Length Desig.
M-PS-PJ (Moulded)	3.80	2.34	2 to 210	250mm to 2500mm	Le
PS-PJ	3.80	2.34	2 to 220	300mm to 1400mm	Le
PS-PH	2.90	1.60	2 to 320	300mm to 1400mm	Le

Reference standards:
- RMA IP-26
- ISO 9982

Application:
Washing machines, dryers, fitness equipment, etc.

Features:
- **Low noise levels**
- **Self-tensioning property, maintains the Belt tension throughout its life**
- Enhanced power transmission because of optimum contact area
- **Easy installation**
- Increased service life
- **Moulded Belts offer superior dimensional stability**
- Temperature range: -25° to +100°C

PIX-TopCoat®-XC Packaging Machinery Poly-V Belts

Belt Section	No. of Ribs Possible	Top Coat Thickness (mm)	Mfg. Range	
			Min.	Max.
TCP-PJ	6 to 220	4,6,8 & 10	700mm	2000mm
TCP-PK	5 to 144	4,6,8 & 10	700mm	2000mm
TCP-PL	4 to 109	4,6,8 &10	700mm	2000mm

Reference standard:
- RMA IP-26, ISO 9982

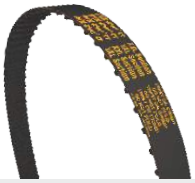
Application:
Cable & plastic tube extruders, bottling plants, etc.

Features:
- **Construction comprises of a profile-top-rubber (application-specific)**
- Facilitates excellent cushioning coupled with extra elasticity, with the contact material
- Excellent flexibility to prevent cracks or tearing
- **Optimum friction, suitable for providing proper support to the contact material**
- **Vulcanized as a single piece to ensure excellent adhesion**
- Abrasion resistant
- Longer service life
- Temperature range: -25°C to +70°C

- It is recommended that the Belt selection should strictly be done on the basis of temperature, top coat hardness and the application requirement

TIMING / SYNCHRONOUS BELTS

PIX-X'act® Timing / Synchronous Belts



Reference standards:
- ISO 13050
- ISO 5294, ISO 5296

Application:
Robotic machines, textile machinery, CNC machines, printers, scanners, currency counting machines, etc.

PIX-X'act® CT (CLASSICAL SECTION BELTS)

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Mfg. Range		Sleeve Width (mm)	Length Desig.
				Min.	Max.		
MXL	2.032	0.51	1.14	2.1"	177.1"	450	Lp
XXL	3.175	0.76	1.52	5.0"	21.90"	450	Lp
XL	5.080	1.27	2.30	4.4"	212.8"	465	Lp
L	9.525	1.91	3.60	6.7"	270.0"	465	Lp
H	12.700	2.29	4.30	14.5"	272.0"	465	Lp
XH	22.225	6.35	11.20	46.3"	227.5"	430	Lp
XXH	31.750	9.53	15.70	62.5"	200.0"	430	Lp

PIX-X'act® STD (SUPER TORQUE DRIVE BELTS)

S 2M	2.00	0.76	1.36	60mm	3700mm	450	Lp
S 3M	3.00	1.14	2.20	120mm	6510mm	450	Lp
S 5M	5.00	1.91	3.40	150mm	4000mm	465	Lp
S 8M	8.00	3.05	5.30	376mm	6640mm	460	Lp
S 14M	14.00	5.30	10.20	714mm	5012mm	440	Lp

PIX-X'act® HTD (HIGH TORQUE DRIVE BELTS)

2M	2.00	0.75	1.36	52mm	750mm	450	Lp
3M	3.00	1.17	2.40	60mm	6804mm	450	Lp
5M	5.00	2.06	3.80	180mm	3750mm	465	Lp
8M	8.00	3.48	6.00	184mm	6880mm	460	Lp
14M	14.00	6.02	10.00	812mm	8120mm	420	Lp

Features:
- High efficiency due to positive engagement between the Belt teeth and pulley grooves
- Fiber glass cords provide excellent strength, flex life and high resistance to elongation
- Exact power transmission
- Improved stress distribution
- Temperature range: -25°C to +100°C

- These sizes are indicative, denotes the minimum and maximum range. Intermediate sizes are available upon request

PIX-TorquePlus®-XT2 High-power, Timing Belts

Reference standard:
- ISO 13050

Application:
Food processing machines, paper & packaging machines, printing machines, robotic equipment, conveyors, office equipment, medical equipment, dough mixers, textile machines, etc.

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Mfg. Range		Sleeve Width (mm)	Length Desig.
				Min.	Max.		
TP2-5M	5.00	2.06	3.80	300mm	2250mm	465	Lp
TP2-8M	8.00	3.48	6.00	344mm	4400mm	460	Lp
TP2-14M	14.00	6.02	10.00	966mm	4578mm	420	Lp
TP2-S5M	5.00	1.91	3.40	350mm	2525mm	465	Lp
TP2-S8M	8.00	3.05	5.30	376mm	2848mm	460	Lp

Features:
- **50% to 70% enhancement in power-rating over PIX-X'act® HTD/STD Belts**
- Higher angular speed, resistance to loads and low noise
- Optimum operational efficiency and augmented Belt life
- **Lower operational cost**
- **Anti-static properties as per ISO 9563**
- Oil and heat resistance
- Temperature range -25°C to +100°C

TIMING / SYNCHRONOUS BELTS

PIX-Thermal®-XT2 High-power, EPDM Timing Belts

Reference standard:
• ISO 13050

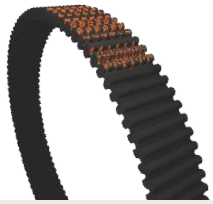
Application:
Food processing machines, paper & packaging machines, printing machines, robotic equipment, conveyors, office equipment, medical equipment, dough mixers, textile machines, etc.

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Mfg. Range		Sleeve Width (mm)	Length Desig.
				Min.	Max.		
HT-TP2-5M	5.00	2.06	3.80	300mm	2250mm	460	Lp
HT-TP2-8M	8.00	3.48	6.00	344mm	4400mm	460	Lp
HT-TP2-14M	14.00	6.02	10.00	966mm	4578mm	420	Lp
HT-TP2-S5M	5.00	1.91	3.40	350mm	2525mm	460	Lp
HT-TP2-S8M	8.00	3.05	5.30	376mm	2848mm	460	Lp

Features:
- **Superior power transmission over PIX-TorquePlus®-XT2 Belts**
- Higher angular speed, resistance to loads and low noise
- Optimum operational efficiency and augmented Belt life
- Lower operational cost
- Anti-static properties as per ISO 9563
- **Ozone resistance**
- **Temperature range -35°C to 130°C**

• Belts are having limitations with respect to oil resistance. Not to be used where drive is exposed to oil contamination

PIX-Duo®-XT Double-sided Timing Belts



Reference standards:
• ISO 13050, ISO 5296

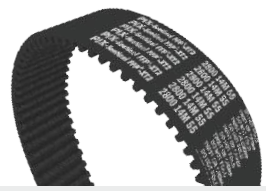
Application:
Textile units, paper packaging & printing machines, lawn & garden, hand-held power tools, food processors, office equipment, currency counting machines, medical diagnostic equipment, vending machines, robotics, vacuum cleaners, etc.

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Mfg. Range		Length Designation
				Min.	Max.	
DA-XL	5.080	1.27	3.05	20.0"	58.0"	Lp
DA-L	9.525	1.91	4.58	18.7"	66.0"	Lp
DA-H	12.700	2.29	5.96	20.0"	272.0"	Lp
DA-3M	3.000	1.17	3.10	501mm	1401mm	Lp
DA-5M	5.000	2.06	5.26	400mm	2050mm	Lp
DA-8M	8.000	3.48	8.17	512mm	4400mm	Lp
DA-14M	14.000	6.02	14.8	1400mm	6860mm	Lp
DA-S5M	5.000	1.91	5.00	410mm	1420mm	Lp
DA-S8M	8.000	3.05	7.50	512mm	6640mm	Lp

Features:
- **Facilitates power transmission from both sides of the Belt**
- **Highly flexible**
- Extended stability, durability, strength and life
- Temperature range: -25°C to +100°C

• DA-8M and DA-S8M Belt sections are available in PIX-TorquePlus®-XT2 (High-power) construction also

PIX-Sentinel FFP®-XT2 Fin-fan Timing Belts



Reference standard:
• ISO 13050

Application:
Air-cooled heat exchanger (Fin-Fan), etc.

Size	Pitch Length (mm)	Top Width (mm)
FFP-2800 14M 55	2800	55.0
FFP-3150 14M 55	3150	55.0
FFP-3360 14M 55	3360	55.0
FFP-3500 14M 55	3500	55.0
FFP-3850 14M 55	3850	55.0
FFP-4326 14M 55	4326	55.0
FFP-4578 14M 55	4578	55.0

Features:
- High tensile strength
- Higher power transmission capacity compared to standard Belts
- **Negligible elongation to meet vertical drive requirements**
- **Reliable dimensional stability**
- High abrasion resistance
- **Anti-static properties as per ISO 9563**
- **Temperature range: -35°C to +130°C**

• Belts can be cut to different widths as per requirement

TIMING / SYNCHRONOUS BELTS

PIX-TorquePlus®-XT2 Cotton-cleaner Timing Belts

Size	Number 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

Reference standard:
• PIX proprietary

Application:
Cotton-cleaner, cotton gin machines, etc.

Features:
- **Specially treated glass cords offer high tensile strength and superior adhesion**
- **Excellent fatigue resistant compound**
- Extended service-life
- Oil, heat and ozone resistant
- **Special dimensions for specific applications**

PIX-TopCoat®-XT Packaging Machinery Timing Belts

Belt Type	Belt Section	Top Coat Thickness (mm)	Top Width (mm)	Length Range (mm)
Standard	**TCT-L, H**	4,6,8	18 to 450	530 to 2000
Step-cut	**STCT-L,H**	8,10	25 to 34mm for Belt length 610 to 2000mm	610 to 2000
			35 to 60mm for Belt length 1350 to 2000mm	

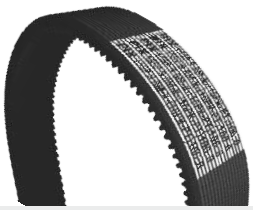
Reference standards:
• ISO 5296

Application:
Vertical form-fill & seal machine, packaging machines, soap & cosmetics industry, ceramic industry, bottling plants, etc.

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
- **Offers optimum friction for providing proper support to the contact material**
- Vulcanized as a single piece to ensure excellent adhesion
- High abrasion resistance
- Excellent life
- **Joint free, continuous top-profile**
- **Step-top-coat profile reduces the bending stress and offers extra flexibility**
- Temperature range: -25°C to +70°C

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

PIX-BRAWN®-XT Hybrid, Timing+Poly-V Belts



Timing Belt Section	No. of Ribs		Length Range (mm)
	PK	PL	
8M	6 to 126	6 to 95	1200 - 4400
S8M	6 to 126	6 to 95	1200 - 3200
14M	6 to 117	6 to 88	1200 - 4578

Reference standards:
• RMA/MPTA IP-26, ISO 13050

Application:
Flour & rice mills, food-grain machinery, etc.

Features:
- **Combines the advantages of Timing 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**
- Specially treated glass cords for high tensile strength and adhesion
- Anti-static, oil and heat resistant
- **Noise-free transmission**
- Operating temperature range -35°C to +130°C

• Belts can be made available with aramid cord construction upon request.

TIMING / SYNCHRONOUS BELTS

PIX-X'pedient®-XT Polyurethane Belts

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Manufacturing Range	Length Designation
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

Reference standards:
- ISO 17396, DIN 7721

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

Features:
- Highly flexible with longitudinal toughness to ensure perfect tooth meshing
- No dust generation or flaking, while in operation
- **Homogeneous throughout its cross-section by virtue of thermoset moulding process**
- Superior wear and abrasion resistance
- High resistance to oil and grease
- **Excellent resistance to ageing, UV and ozone**
- Low vibrations and reduced noise levels
- Operating temperature range: -30°C to +80°C (up to +110°C for a short period)

- These sizes are indicative and denotes the minimum and maximum range, for Intermediate sizes please get in touch with us at info@pixtrans.com. Premium polymer construction Belts also available, upon request.

AUTOMOTIVE BELTS

PIX-FORCE® Automotive, Moulded Raw Edge Cogged Belts

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Mfg. Range		Length Designation
				Min.	Max.	
X9.5 / AVX10	10.0	8.0	36	550mm	5000mm	La
X12.5 / AVX13	13.0	10.0	36	550mm	5000mm	La
X10A	10.5	8.0	36	550mm	5000mm	Le
X11A	11.5	8.0	36	550mm	5000mm	Le
X13A	13.5	9.0	36	550mm	5000mm	Le
X15A	17.0	10.5	38	550mm	5000mm	Le
X17A	18.5	11.0	36	550mm	5000mm	Le
X20A	21.5	12.5	36	550mm	5000mm	Le

Reference standards:
- BS ISO-5287, DIN 7753-3
- SAE J 636, JASO E 107

- Belts can be made available in EPDM construction also

PIX-FORCE®-HXR Automotive, EPDM, Moulded Raw Edge Cogged Banded Belts

Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Pitch (mm)	Mfg. Range		Length Desig.
					Min.	Max.	
HAVX10	10.0	10.0	36	12.0	600mm	5000mm	La
HAVX13	13.0	12.0	36	15.9	600mm	5000mm	La
HXV15	17.0	11.0	36	20.0	600mm	5000mm	La
HAX-AZ	13.0	10.0	36	15.9	600mm	5000mm	La
HBX-AU	17.0	13.0	36	19.0	600mm	5000mm	La

Reference standards:
- BS ISO-5287, DIN 7753-3
- SAE J 636, JASO E 107

Application:
Automotive engines, alternators, compressors, water pumps, fans, power-steering pumps, etc.

Features:
- **Best suited for next-generation, high speed engines**
- Cog profile offers enhanced flexibility and superior heat dissipation rate
- Higher power transmission capacity, best suited for smaller diameter pulleys
- **Engineered and chemically treated, low-stretch tensile cords for higher conveying higher loads, without stretch**
- Compounded for better grip and lateral rigidity
- Excellent resistance to oil and heat
- Suitable for HEMM (Heavy earth moving machinery) applications
- Temperature range: -25°C to +100°C and -45°C to +120°C in case of EPDM Belts

AUTOMOTIVE BELTS

PIX-FORCE® Automotive Series Belts

Reference standard:
- PIX Proprietary

Application:
Automotive engines, alternators, compressors, water pumps, fans, power-steering pumps, etc.

Product Code	Top Width (mm)	Thickness (mm)	Angle (degree)	Mfg. Range		Length Designation
				Min.	Max.	
RCP-2XXX	10.0	8.0	36	550mm	3000mm	La
RCP-3XXX	12.5	9.0	36	550mm	3000mm	Lp
RCP-5XXX	17.0	11.0	36	550mm	3000mm	Lp
RCP-7XXX	22.0	13.0	36	550mm	3000mm	Lp
RECPF-1XXX	10.5	8.0	38	550mm	3000mm	Le
RECPF-6XXX	13.0	8.0	38	550mm	3000mm	Le
RECPF-8XXX	17.0	11.0	38	550mm	3000mm	Le
RECPF-9XXX	22.5	13.0	38	550mm	3000mm	Le

Features:
- **Suitable for high speed engines**
- **Cog profile offers higher flexibility and quick heat dissipation**
- Engineered and chemically treated modulus and low stretch tensile cords for higher load and maintenance-free operation
- Offers high power transmission over smaller pulley diameters
- **Special compression rubber for high lateral rigidity**
- **EPDM rubber for high temperature resistance -45°C to +120°C**

PIX-FORCE® Automotive, Ribbed / Poly-V Belts

Reference standards:
- ISO 9981, RMA IP 26
- JASO E-109

Application:
Automotive engines, alternators, compressors, water pumps, fans, power-steering pumps, etc.

Section	Thickness (mm)	Rib Pitch (mm)	Minimum Pulley Diameter (mm)	Mfg. Range		Length Designation
				Min.	Max.	
PK	4.5	3.56	45	280mm	5000mm	Le
DPK	7.0	3.56	50	1195mm	3255mm	Le

Features:
- **Special EPDM high compression compound for greater dimensional stability, minimal vibrations and reduced noise levels**
- Enhanced performance in extreme temperature conditions because of special thermal resistance compound, where temperature ranges from -35°C to +130°C
- **Special fibre loaded compound offers enhanced product life**
- Higher Power rated Belts for improved performance over higher load and speed conditions
- Oil and heat resistant, extended service life, suitable for HEMM applications
- Superior ozone, steam, water and acid resistance to minimize early ageing and crack formation
- Extended service life

PIX-PolyStretch®-XC Elasticated Poly-V Belts

Reference standards:
- RMA IP-26, ISO 9982
- JASO E-109

Application:
Automotive engines

Section	Thickness (mm)	Rib Pitch (mm)	No. of possible Ribs	Manufacturing Range	Length Desig.
M-PS-PK (Moulded)	4.50	3.56	2 to 140	250mm to 2500mm	Le
PS-PK	4.50	3.56	2 to 20	720mm to 2500mm	Le

Features:
- **Low noise levels**
- **Self-tensioning property, maintains the Belt tension throughout its life**
- Enhanced power transmission because of optimum contact area
- **Easy installation**
- Increased service life
- **Moulded Belts offer superior dimensional stability**
- Temperature range: -25°C to 110°C

AUTOMOTIVE BELTS

PIX-FORCE® Automotive, Synchronous / Timing Belts

Reference standards:
- ISO 9010 / JASO E 105
- JASO E 106, ISO 12046

Application:
Automotive engines-exhaust & inlet valves

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, 104 ZH, 106 ZH, 109 ZH, 114 ZH, 123 ZH, 129 ZH, 136 ZH, 138 ZH, 153 ZH
PR	9.525	3.45	5.50	136 PR, 144 PR
PRM	9.525	3.37	5.50	97 PRM, 103 PRM, 110 PRM, 122 PRM, 123 PRM, 124 PRM, 134PRM, 141 PRM
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:
- Highly engineered cover compound to protect the belt from excess wear and foreign material such as grease, oil, dust etc.
- Advanced Belt geometry to enable seamless performance on smaller engine pulleys and under frequent speed-changing drive conditions.
- Robust Belt construction with special treated glass cord to ensure high tensile strength, negligible elongation and linear operation.
- Superior woven poly-amide fabric to enhance product life and ensure noise-free operation.
- Temperature range: -25°C to +100°C and -35°C to +150°C for HSN Construction belts

PIX-FORCE® Scooter Belts (CVT)

Reference Standard:
- PIX proprietary

Application:
Scooter CVT drives

Section	Top width 'TW' (mm)	Thickness 'TH' (mm)	Angle "A" (degree)	Length Range "L" (mm)
SC-TW TH A L	10 to 30	10 to 20	30	600 to 1500

Features:
- **Special polyamide top fabric for increased flexibility**
- **Fibre loaded EPDM compound for high thermal resistance and superior laterial rigidity**
- High power transmission capacity
- Smooth operation over CVT drives
- Longer service life

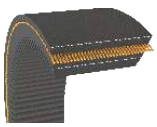
PIX-VoyagerPlus®-XV Belts for CVT-drive, Electric Vehicles

Reference Standard:
- PIX proprietary

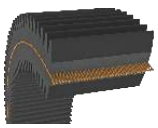
Application:
Electric cars, ATV vehicles, CVT drives for automotive vehicles, etc.

Section	Top width "TW" (mm)	Thickness "TH" (mm)	Angle "A" (degree)	Length Range "L" (mm)
VP-X-TW TH A L	10 to 40	10 to 25	22 to 40	600 to 2000
VP-XX-TW TH A L	10 to 40	10 to 25	22 to 40	600 to 2000
VP-XN-TW TH A L	10 to 40	10 to 25	22 to 40	600 to 2000

Features:
- **Superior construction to sustain high torque capacity under extreme operating conditions**
- **Engineered Cog design (single or double sided) for better flexibility & heat dissipation**
- **Specially engineered precise notch-profile offers extra protection to the Belt in CVT drives**
- Superior grip to transmit maximum power with high efficiency
- **Lower slippage, enhances the product life and efficiency**



VP-X Section



VP-XX Section

VP-XN Section

AUTOMOTIVE BELTS

PIX-ASYMMETRA® Asymmetric Belts

Reference standard:
• PIX Proprietary

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

Section	Top Width (mm)	Thickness (mm)	α Angle	β Angle	Mfg. Range		Length Designation
					Min.	Max.	
AS-16X10	16.0	10.0	18°	2°	680mm	2240mm	La
AS-19X10	19.0	10.0	18°	2°	680mm	2240mm	La

Features:
- **High lateral-rigidity, transmits high power**
- Longer life
- **Excellent shock absorbing capacity**
- Temperature range: -25°C to +100°C

PIX-VECTOR®-XC Belts for Aviation engines

Reference standard:
• RMA IP-26

Application:
Helicopter / Rotor drive

Section	Thickness (mm)	Rib Pitch (mm)	Possible Number of Ribs	Minimum Pulley Diameter (mm)	Mfg. Range (mm)		Length Desig.
					Min.	Max.	
VT-PL	7.6	4.70	2 to 110	75	1200	5000	Le

Features:
- **Enhanced power transmission capacity**
- **Special aramid cords offer high tensile strength and negligible elongation**
- Highly flexible, noise-free and smooth running operation
- **Least vibrations**
- Wear resistant, facilitates easy clutch operation
- Power transmission through a single Belt, eliminating the use of a set-of-Belts
- Machined ribbed driving surface for maximum area of contact and reduced face pressure
- Temperature range: -25°C to +100°C

PIX-WhiteKnight®-XV Snowmobile Belts

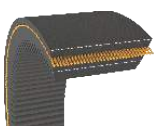
Reference Standard:
• PIX proprietary

Application:
Snowmobiles

Section	Top width "TW" (mm)	Thickness "TH" (mm)	Angle "A" (degree)	Length Range "L" (mm)
HD-TW TH A L	20 to 40	10 to 25	22 to 40	600 to 2000
HDX-TW TH A L	20 to 40	10 to 25	22 to 40	600 to 2000
XDX-TW TH A L	20 to 40	10 to 25	22 to 40	600 to 2000

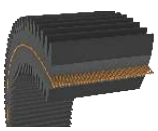
Features:
- Specially compounded aramid reinforced compound to withstand excessive load, under extreme operating conditions
- Wear resistant sidewalls to sustain extreme high load and RPM
- Cogged profile of the Belt enhances the flexibility and provides a longer life
- Excellent performance, even if the equipment needs to be clutch down
- Reduced slippage at elevated levels of torque
- Designed to withstand flexing, cycling, resists fatigue and stretch
- Excellent overall performance even at low temperature of up to -40°C

• **HD series:** Single-sided Belts, **HDX series:** Double-sided Belts, **XDX series:** Double-sided high performance Belts



HD Section

HDX Section



XDX Section

CERTIFICATIONS

CERTIFICATE

This is to certify that

PIX TRANSMISSIONS LIMITED
J-7, MIDC, Hingna Road
Nagpur- 400 016
Maharashtra
INDIA

with the organizational units/sites as listed in the annex

has implemented and maintains a **Quality Management System**.

Scope:
Design and Manufacture of Power Transmission Belts.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	503283 QM15
Date of original certification	2013-06-23
Date of certification	2018-07-19
Valid until	2021-07-18

DQS Inc.

Brad McGuire
Managing Director

Accredited Body: DQS Inc., 1130 West Lake Cook Road, Suite 340, Buffalo Grove, IL 60089 USA
Administrative Office: Deutsch Quality Systems (India) Pvt. Ltd., 5th Floor, Anjaneya Techno Park, 147, HAL Airport Road, Kodihalli, Bangalore - 560 017 - India

CERTIFICATE

This is to certify that

PIX TRANSMISSIONS LIMITED
TRP Plant
Nagalwadi, Hingna
Nagpur - 440 016
Maharashtra
INDIA

has implemented and maintains a **Quality Management System**.

Scope:
Design and Manufacture of Power Transmission Belts.

An audit, conducted and documented in a report, has verified that this quality management system fulfils the requirements of the following International Automotive Standard:

IATF 16949:2016
(with product design)

Certificate registration no.	503289 IATF16
Main certificate registration no.	503283 IATF16
Issuing date	2018-07-18
This certificate is valid until	2021-07-17
IATF No.	0317336

2-IAO-QMC-01001

For and on behalf of DQS

Nurani S. Venkatachalam
Corporate Program Manager Automotive, DQS Holding GmbH

Michael Drechsel
Managing Director, DQS Holding GmbH

IATF Contract Office: DQS Holding GmbH, Konrad-Adenauer-Allee 8-10, 61118 Bad Vilbel, Germany

CERTIFICATE

This is to certify that

PIX TRANSMISSIONS LIMITED
J-7, K 36, 37, 38
MIDC, Hingna Road
Nagpur- 400 016
Maharashtra
INDIA

with the organizational units/sites as listed in the annex

has implemented and maintains an **Environmental Management System**.

Scope:
Environmental Activities and Supporting Processes associated with Manufacturing and Marketing of V-Belts (Wrapped, Raw Edge, Poly-V and Timings).

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 14001 : 2015

Certificate registration no.	503283 UM
Date of original certification	2008-09-10
Date of certification	2018-07-24
Valid until	2021-07-23

DQS Inc.

Brad McGuire
Managing Director

Accredited Body: DQS Inc., 1130 West Lake Cook Road, Suite 340, Buffalo Grove, IL 60089 USA
Administrative Office: Deutsch Quality Systems (India) Pvt. Ltd., 5th Floor, Anjaneya Techno Park, 147, HAL Airport Road, Kodihalli, Bangalore - 560 017 - India

CERTIFICATE

This is to certify that

PIX TRANSMISSIONS LIMITED
J-7, K 36, 37, 38
MIDC, Hingna Road
Nagpur- 400 016
Maharashtra
INDIA

with the organizational units/sites as listed in the annex

has implemented and maintains an
Occupational Health and Safety Management System.

Scope:
The Occupational Health and Safety Activities and Supporting Processes associated with Manufacturing and Marketing of V-Belts (Wrapped, Raw Edge, Poly-V and Timings).

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

BS OHSAS 18001 : 2007

Certificate registration no.	503283 BSOH
Date of original certification	2008-09-10
Date of certification	2018-07-24
Valid until	2021-03-12

DQS Inc.

Brad McGuire
Managing Director

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Administrative Office: Deutsch Quality Systems (India) Pvt. Ltd., 5th Floor, Anjaneya Techno Park, 147, HAL Airport Road, Kodihalli, Bangalore - 560 017 - India

SERVICE EQUIPMENT

PIX-Digital Tension Meter

PIX Digital 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.

PIX-Mobile App

PIX-Mobile App download links are available for the Android and the iOS platforms. It is available at "https://play.google.com/store/search?q=pixtrans" for the Android phones and "https://itunes.apple.com/in/app/pixtransmissions/id1043460029" link for the iOS operating phones.

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

It is used for checking the length of the Belt, where size on the Belt is not illegible.

PIX-Pulley Gauges

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

SERVICE EQUIPMENT

PIX-Tension Tester

It is a manual Belt Tension tool, which is meant for correcting or re-tensioning the drive with an adequate reliability.

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 this tool.

PIX-Belt Product Kit

This is a Belt display kit for the sales team. It comprises of Belt cut samples of various types.

PIX-Belt Rack

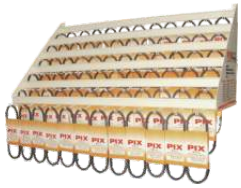

Table-top metallic Belt display rack, can hold up to 72 Belts.

Dimensions (mm):
1200 (l) x 450(b) x 500(h), used for Automotive Belts.

PIX-X'slit (Belt Cutting Machine)

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

PIX
Power Transmission Solutions
Driving growth!

Corporate Office

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Mumbai - 400051
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Fax : +91-22-61383025
E-mail: info@pixtrans.com
Website: www.pixtrans.com

Registered & Marketing Office

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E-mail: info@pixme.ae
Website: www.pixme.ae

PIX: At a glance..

- Fastest emerging global player in the mechanical power transmission products.
- Over four decades of expertise of manufacturing quality products.
- Strong global brand identity
- Distribution network in over 100 countries
- Global product approvals, quality management systems
- Global presence, subsidiary operations in U.K., Germany and UAE
- State-of-art infrastructure for the development, manufacturing and testing of products
- Dedicated and committed R&D team

Certifications

- ISO 9001:2015
- ISO 14001:2015
- IATF 16949:2016
- BS OHSAS 18001:2007

Corporate & Regd. Office

PIX Transmissions Limited
Corporate Office, Mumbai

PIX Transmissions Limited
Registered Office, Nagpur

Overseas Offices:

PIX Germany GmbH
Germany

PIX Transmissions (Europe) Ltd.
United Kingdom

PIX Middle East FZC, Ras-Al-Khaimah
U.A.E.

PIX Middle East Trading LLC, Dubai
U.A.E.