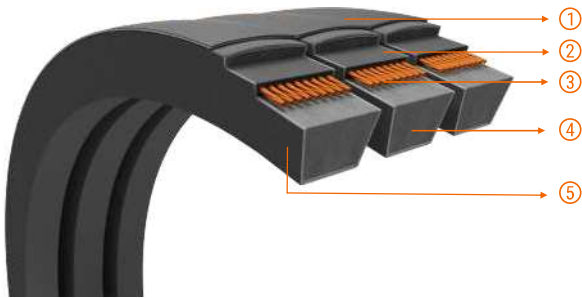


PIX -DuraBand®-XS : Banded Wrap Belts



1. Specially Curved top tie band design for better flexibility and heat resistance
2. High modulus, low shrinkage tension member embedded cushion rubber compound
3. High tenacity, low stretch specially treated polyester cords
4. Especially designed compression rubber gives stability to the Belt cross-section and supports the cord zone against deflection, under load condition
5. Wear-resistant, bias-cut neoprene rubberised polyester cotton fabric

PIX DuraBand®-XS Banded Belts are made by joining Classical, Wedge or Narrow Belts on a tie band. Each tie-band may contain a specific number of Belts. It is recommended to use a maximum of five Belts in a tie band.

Top tie band: Specially curved top tie band design for better flexibility and heat resistance.

Cushion: High modulus - low shrinkage tension member embedded cushion rubber compound

Cords: Vital part of the Belt, used for the purpose of giving it the required strength. Belts can be manufactured using high tensile polyester cord or a very high tensile, low-stretch Aramid cords

Base: Specially designed compression rubber gives stability to the Belt cross-section and supports the cord zone against deflection, under load condition

Fabric: Wear-resistant, bias-cut neoprene rubberized polyester cotton fabric

Features

- Enhanced power transmission capacity by 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, facilitating smooth operation
- Anti-static, oil and heat resistant
- Temperature range: -30°C to +80°C

Reference Standards

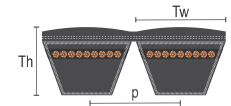
ISO 5290, BS 3790 & RMA IP-22

PIX -DuraBand® -XS : Banded Wrap Belts

Application

Banded Belts are recommended under following conditions

- Drives with severe vibrations
- Vertical shaft drives
- Agricultural drives
- Conveyor systems
- Crushers, pulverisers, pulpers, compressors, vibrating screens, generators, rolling mills, etc.



Product range

Section	Top Width (Tw) (mm)	Thickness (Th) (mm)	Angle (θ) (Degree)	Pitch "e" (mm)	Min. Pulley Dia. (mm)	Manufacturing Range		Length Designation
						Min.	Max.	
HA	13.0	10.5	40	15.9	80	50"	256"	Li
HB	17.0	13.5	40	19.0	130	50"	927"	Li
HC	22.0	17.0	40	25.5	210	50"	927"	Li
HD	32.0	21.5	40	37.0	370	90"	927"	Li
HE	38.0	27.0	40	44.5	520	90"	927"	Li
HSPZ	10.0	10.0	40	12.0	67	1310 mm	6539 mm	Lp
HSPA	13.0	12.0	40	15.0	100	1315 mm	4363 mm	Lp
HSPB	17.0	17.0	40	19.0	160	1762 mm	10068 mm	Lp
HSPC	22.0	22.5	40	25.5	224	1632 mm	23629 mm	Lp
H3V	9.7	10.5	40	10.3	67	51.5"	172"	La
H5V	15.8	16.5	40	17.5	180	52.5"	930"	La
H8V	25.4	25.0	40	28.6	317	100"	931.5"	La

Note:

- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request
- All PIX-DuraBand® Banded Belts are high power Belts. While using these Belts it is always recommended to use standard pulleys with a proper drive guard. Appropriate Belt sitting can only be obtained if the pitch maintained for the Belts and that of pulleys is the same. Improper design using banded Belts can lead to premature failure of the drive system.

Product label

PIX-DuraBand® -XS	5HSPC 4500 Lp	ANTISTATIC, OIL & HEAT RESISTANT ANTISTATIC, OIL & HEAT RESISTANT ANTISTATIC, OIL
PIX-DuraBand® -XS	5HSPC 4500 Lp	

