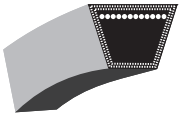
PIX- AUTOMOTIVE BELTS

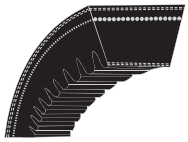
PIX- FORCE® AUTOMOTIVE WRAP BELTS



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range (mm) Min.	Manufacturing Range (mm) Max.	Length Designation
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
- Temperature range: -18°C to +80°C
- Conforms to BS AU 150b, SAE J 636, JASO E 107

PIX- FORCE® AUTOMOTIVE RAW EDGE COGGED BELTS



Section	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range (mm) Min.	Manufacturing Range (mm) Max.	Length Designation
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) Min.	Manufacturing Range (mm) Max.	Length Designation
PK	4.5	3.56	50	280	5080	Le

* Available in high temperature EPDM construction also

Features:
- Trapezoid faced 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, longer service life, suitable for HEMM applications
- Conforms to ISO 9981, 9982, RMA IP 26 standards
- Temperature range: -25°C to +100°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, 138 ZH, 153 ZH
PR	9.525	3.45	5.50	136 PR
PRM	9.525	3.37	5.50	97 PRM, 123 PRM, 124 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

* Available in high temperature HSN construction also.

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

PIX-Automotive Belts

PIX offers an extensive range of Automotive Belts fulfilling the power transmission requirements of engines used in all the means of transport such as surface, water and air.

PIX-Automotive Belts are specially designed to offer superior performance over high-speed, high-torque next-gen engines and essentially meets the parameters such as-

1. Higher flexibility
2. Low noise
3. High temperature resistance
4. Longer service-life
5. Resistance to harsh weather conditions

PIX Automotive Belts are available in Moulded Raw Edge Cogged, Poly-V and Timing Belt constructions. They are designed to achieve enhanced performance, compactness, reliability, consistency and a longer service-life.

PIX-Force®

Automotive, Moulded Raw Edge Cogged Belts

Construction

1. Specially designed top-fabric offers high resistance to wear and formation of cracks
2. Specially treated polyester cords ensure minimal stretch
3. Special thermal resistance adhesion compound for improved dynamic adhesion performance
4. Fiber-loaded compression compound for enhanced power transmission and dimensional stability
5. Moulded cog profile for superior flexibility and heat dissipation

PIX-Force®

Automotive, Moulded Raw Edge Cogged Belts

Features & benefits

- Best suited for next-generation, high speed engines
- Cog profile offers enhanced flexibility and heat dissipation rate
- Higher power transmission capacity, best suited for smaller diameter pulleys
- Engineered and chemically treated modulus & low stretch tensile cords for 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

Product range

Section	Top Width (mm)	Thickness (mm)	Angle (mm)	Mfg. Range		Unit of Measurement	Length Designation
				Min.	Max.		
X9.5 / AVX10	10.0	8.0	36	550	5100	mm	La
X12.5 / AVX13	13.0	10.0	36	550	5100	mm	La
X10A	10.5	8.0	36	550	5100	mm	Le
X11A	11.5	8.0	36	550	5100	mm	Le
X13A	13.5	9.0	36	550	5100	mm	Le
X15A	17.0	10.5	38	550	5100	mm	Le
X17A	18.5	11.0	36	550	5100	mm	Le
X20A	21.5	12.5	36	550	5100	mm	Le

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.

PIX-Force®-HXR

Automotive, EPDM, Moulded Raw Edge Cogged Banded Belts