



# PIX

Power Transmission Solutions

*Driving growth!*

## PIX-Sentinel FFP®-XT2



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COOL! >>>**

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# PIX-Sentinel FFP®-XT2

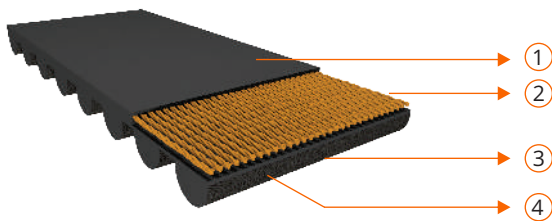
## Fin-fan Timing Belts

Air-cooled heat exchangers are fitted with high-speed drives, operating at elevated torque levels. The Belts are consistently exposed to water, steam, humidity, oil and chemicals. They are mounted over a vertical drive, hence the Belts have to be tensioned optimally and the construction of the Belt should facilitate negligible or zero elongation to avoid the slip-down.

PIX-Sentinel Belts are exceptionally outlined to withstand the uttermost harsh and non-stop working environments. The robust construction of the Belts renders higher power efficiency and withstands the adverse operating conditions.

PIX-Sentinel FFP belts are designed to operate in wet, dusty environments and have capability to withstand high temperatures which makes them well suited for air cooled heat exchangers.

### Construction



1. Specially compounded top layer for enhanced flexibility and resistance to environmental agents such as water, dust, oil, chemicals, etc.
2. Specially treated high tensile glass cords ensure high breaking strength, high bending resistance, negligible elongation and strong adhesion with belt compound
3. Specially compounded teeth, reinforced with special fiber and elastomers imparts high tooth strength and excellent dimensional stability
4. Bottom fabric made up of special polyamide, high tenacity fiber yarn offers resistance to abrasion

### Features & benefits

- › High tensile strength
- › Best suitable for vertical drive applications
- › 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

# PIX-Sentinel FFP®-XT2

## Fin-fan Timing Belts

### Product range

Section	Pitch (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

Belt width can be customized as per application requirement.

### Reference standard

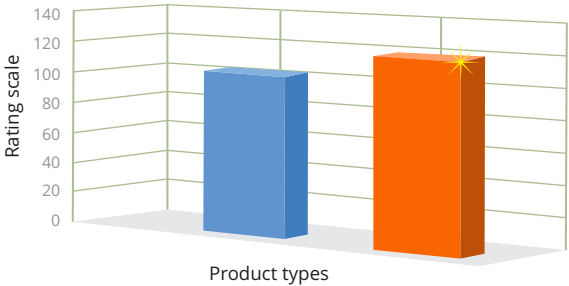
- ISO 13050

### Application

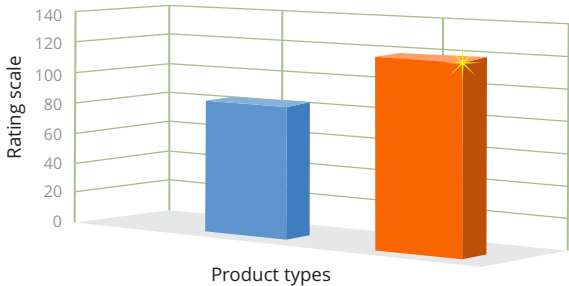
Air-cooled heat exchanger (Fin-fan), etc.



### Test Results

#### Power rating



#### Temperature sustenance (°C)



 PIX-TorquePlus®-XT2 Belt  
 PIX-Sentinel FFP®-XT2





## PIX Group of Companies

Nagpur & Mumbai, India | Paderborn, Germany  
Ipswich, U.K. | Dubai & Ras-Al-Khaimah, U.A.E.

