



**FEC CONSULTING**  
TRANSMISSIONSPRODUKTER

## PIX KILEREMME





The R&D team at PIX has worked to achieve power ratings considerably higher than most of the competing brands on the market. The compounds used at the heart of these belts are well chosen to match the designated power ratings, providing an increased margin of safety on critical drives.

PIX Power Wrap belts are available in three main categories i.e. Classical, Wedge & Narrow.

### Classical :

Top width to height ratio is 1.6:1  
 Max. Permissible belt speed is 30 m/sec.  
 permissible lex rate F = 80 per sec.

### Wedge :

Top width to height ratio is 1.2:1  
 Max. Permissible belt speed is 30 m/sec.  
 permissible lex rate F = 100 per sec.

### Narrow :

Max. Permissible belt speed is 30 m/sec.  
 permissible lex rate F = 80 per sec.

## Features & Benefits

- "FREE SET" stringent length tolerance guaranteed
- Belt Characteristics ensure high performance in heavy-duty, continuous running applications
- POLYCHLORPRENE Wrap for fire resistance in event of slippage
- ATEX certified, FRAS belts available on request
- EXTENSIVE RANGE available from 250mm to 16789mm
- High PERFORMANCE/PRICE ratio
- Manufacturing to ISO 9001 and ISO/TS 16949 : 2002

### FRAS Belts :

The entire PIX range of industrial belts exceeds international standards for oil and heat resistance, as well as anti-static properties.

However, the range is also available to certified FRAS specification (Fire Resistant Anti-Static), where extreme and hazardous conditions are encountered, such as oil rigs, mines, chemical plants etc. PIX FRAS belts are approved by RJB Mining (formerly British Coal), and also carry ATEX certification.

## WEDGE SECTION: SPB

### Wrapped V-Belts

Standard : BS3790

#### Features :

- Oil Resistant
- Antistatic
- Temperature range : -18°C to +80°C
- Maximum belt linear speed : 30m/sec
- ATEX certified FRAS belts are available

### Useful Information

#### Belt Length Factor (mm)

- Lp to La - 28
- Li to Lp - 60
- Li to La - 88

#### Weight per metre (Kgs)

- 0.214

#### Rec. Min Pulley Dia.

- 140 dp (mm)

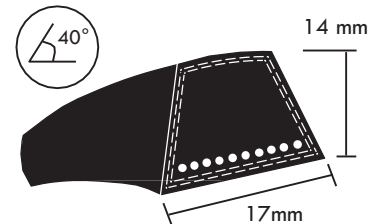
#### Manufacturing Range

- 940 - 16764 mm

Nominal Length : Pitch Length (Lp) in mm

'PIX' FRAS belts conforms to : II 2GD c IIB X (Test report no. IB-03-4-934)

Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)
SPB1250	1250	SPB1750	1750	SPB2360	2360	SPB3170	3170	SPB4560	4560	SPB6340	6340
SPB1260	1260	SPB1780	1780	SPB2380	2380	SPB3200	3200	SPB4750	4750	SPB6700	6700
SPB1280	1280	SPB1800	1800	SPB2400	2400	SPB3250	3250	SPB4820	4820	SPB6720	6720
SPB1300	1300	SPB1850	1850	SPB2410	2410	SPB3270	3270	SPB5000	5000	SPB7100	7100
SPB1320	1320	SPB1900	1900	SPB2430	2430	SPB3340	3340	SPB5070	5070	SPB7500	7500
SPB1340	1340	SPB1950	1950	SPB2500	2500	SPB3350	3350	SPB5300	5300	SPB7610	7610
SPB1360	1360	SPB2000	2000	SPB2530	2530	SPB3450	3450	SPB5380	5380	SPB7990	7990
SPB1400	1400	SPB2020	2020	SPB2540	2540	SPB3550	3550	SPB5600	5600	SPB8000	8000
SPB1410	1410	SPB2025	2025	SPB2580	2580	SPB3620	3620	SPB5680	5680	SPB8500	8500
SPB1440	1440	SPB2030	2030	SPB2600	2600	SPB3650	3650	SPB5990	5990	SPB9000	9000
SPB1450	1450	SPB2060	2060	SPB2650	2650	SPB3750	3750	SPB6000	6000	SPB9010	9010
SPB1500	1500	SPB2120	2120	SPB2675	2675	SPB3800	3800	SPB6300	6300		
SPB1510	1510	SPB2125	2125	SPB2680	2680	SPB3825	3825				
SPB1540	1540	SPB2150	2150	SPB2720	2720	SPB3870	3870				
SPB1550	1550	SPB2180	2180	SPB2750	2750	SPB4000	4000				
SPB1560	1560	SPB2200	2200	SPB2800	2800	SPB4050	4050				
SPB1590	1590	SPB2240	2240	SPB2840	2840	SPB4060	4060				
SPB1600	1600	SPB2275	2275	SPB2850	2850	SPB4250	4250				
SPB1650	1650	SPB2280	2280	SPB2900	2900	SPB4310	4310				
SPB1690	1690	SPB2300	2300	SPB2990	2990	SPB4370	4370				
SPB1700	1700	SPB2310	2310	SPB3000	3000	SPB4500	4500				
				SPB3150	3150						



## WEDGE SECTION: SPB

### Wrapped V-Belts

Standard : BS3790

#### Features :

- Oil Resistant
- Antistatic
- Temperature range : -18°C to +80°C
- Maximum belt linear speed : 30m/sec
- ATEX certified FRAS belts are available

### Useful Information

#### Belt Length Factor (mm)

- Lp to La - 30
- Li to Lp - 83
- Li to La - 113

#### Weight per metre (Kgs)

- 0.360

#### Rec. Min Pulley Dia.

- 224 dp (mm)

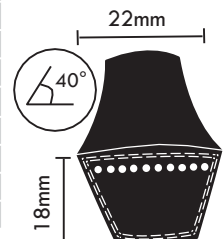
#### Manufacturing Range

- 1750 - 16789 mm

Nominal Length : Pitch Length (Lp) in mm

'PIX' FRAS belts conforms to : II 2GD c IIB X (Test report no. IB-03-4-934)

Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)	Belt Ref	Datum/Pitch Length (mm)
SPC1750	1750	SPC2800	2800	SPC4000	4000	SPC6000	6000	SPC8000	8000	SPC11500	11500
SPC2000	2000	SPC2890	2890	SPC4100	4100	SPC6150	6150	SPC8300	8300	SPC12500	12500
SPC2120	2120	SPC3000	3000	SPC4250	4250	SPC6300	6300	SPC8400	8400		
SPC2150	2150	SPC3150	3150	SPC4400	4400	SPC6370	6370	SPC8500	8500		
SPC2210	2210	SPC3350	3350	SPC4500	4500	SPC6500	6500	SPC9000	9000		
SPC2240	2240	SPC3550	3550	SPC4750	4750	SPC6600	6600	SPC9500	9500		
SPC2360	2360	SPC3650	3650	SPC4900	4900	SPC6700	6700	SPC10000	10000		
SPC2500	2500	SPC3700	3700	SPC5000	5000	SPC7020	7020	SPC10500	10500		
SPC2620	2620	SPC3750	3750	SPC5300	5300	SPC7100	7100	SPC10600	10600		
SPC2650	2650	SPC3950	3950	SPC5600	5600	SPC7500	7500	SPC11200	11200		



## PIX-X'set MUSCLE BELTS

**HIGH POWER WITH MAINTENANCE FREE FEATURES**



### Construction:

- Wear resistant rubberised fabric jacket
- Specially designed cushion rubber
- Specially compounded high modulus base rubber
- Specially treated high tenacity high modulus polyester cord

**Operating Temperature:** -25°C to +120°C

**Standards:** BS 3790, ISO 4184, IS 2494 for dimensional reference.

### Features & Benefits:

- Produced to comply with the latest REACH directives, RoHS regulations, and exclude all restricted chemicals as listed by the EPA in the US
- Increased efficiency level up to 98%
- Extremely high power rating – up to 35% more than a regular belt
- High tensile strength – resistant to elongation and breakage
- Maintenance-Free - No re-tensioning required
- Highly Flexible - The standard construction allows the belt to “reverse bend” in drives with back idlers
- Extended temperature range: from -25°C up to 120°C
- Anti-static – complies with ISO 1813
- Space-saving potential, when designing drives – less belts required
- Longer service life, less down-time, reduced ownership costs

**Range:** Entire range of Z, A, B, SPZ, SPA, 3L, 4L, 5L, 3V sections are available

