

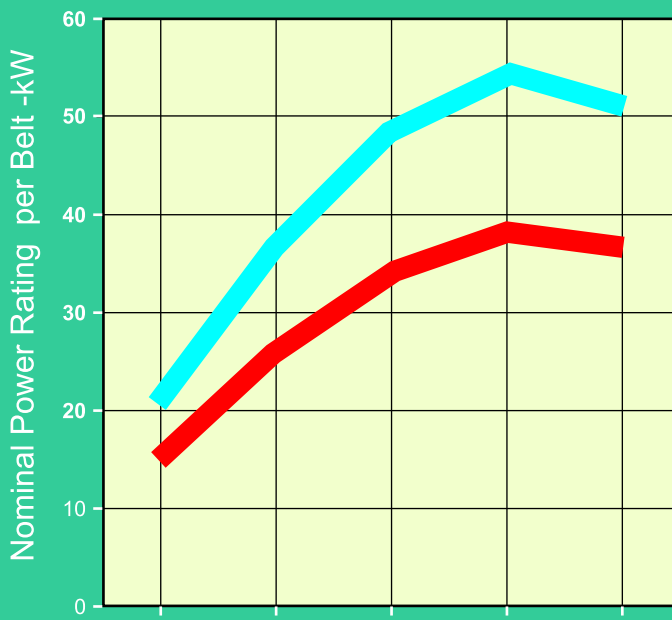
# POWERTRAN<sup>®</sup>

## Green Cover Belts



**The Twin Advantage Belts**

Power Rating Graph of SPC 5600 PT @PCD315mm, Speed Ratio =1:1



RPM	500	1000	1500	2000	2500
Poly-F Plus Belt	14.75	25.96	33.93	37.79	36.5
POWERTRAN <sup>®</sup> Belt	20.21	36.86	48.01	53.66	51.1

**40% Higher Power than normal belts**

**18% - 20% Savings in Drive Cost**

**Fenner POWERTRAN<sup>®</sup>**

**Belt Advantages:**

- Reduce drive cost up to 20%
- Reduce drive width up to 30%
- Reduce drive weight up to 25%
- Maintenance free; optimum tension throughout service life
- In built Match Set, can be used in sets without further measurement
- Up to 97% drive efficiency
- Up to 40% more power
- High resistance to shock loads

# POWERTRAN® Green Cover Belts

## Savings with Fenner POWERTRAN® Green Cover Belts

Particulars	Fenner SPC Belt Drive	Fenner POWERTRAN® SPC Belt Drive	Savings with POWERTRAN® Belt Drive
Motor Pulley	375mm PCD X10 SPC	375mm PCD X7 SPC - PT	
Driven Pulley	710mm PCD X10SPC	710mmPCD X 7 SPC - PT	
Belt Size	10XSPC 4500	7 X SPC - PT 4500	
Motor Pulley Price(Rs/each)	25105	16560	34%
Driven Pulley Price(Rs/each)	47315	36035	24%
Belt Price(Rs/each)	2028 x10 20280	3448x7 24136	-19%
Total Package Value(Rs)	92700	76728	<b>Net Saving 17%</b>

### Fenner POWERTRAN® Suitable for Heavy-Duty Applications :

- Reduce friction and heat buildup under shock load with abrasion resistant bareback (non-rubber) double-layer fabric cover.
- Oil and heat resistant chloroprene compound body, rated for 85°C , outperforms other rubbers in harsh operating conditions.
- Extend drive life that allows belt to enter the pulley groove cleanly and smoothly, reducing sidewall wear on belt and pulley.
- Minimal need for retensioning due to stronger-than-steel aramid fiber or Kevlar® tensile cords that reduce belt stretch by 50% over standard V-belts.
- Lateral rigidity for reduced vibration and belt turn-over on multi-groove pulleys.

Fenner POWERTRAN® Wedge belt drives have proven themselves in the toughest applications in Agriculture, Mining, Construction and Manufacturing.

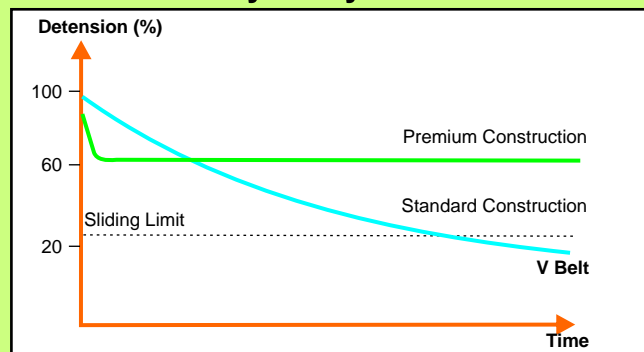
### Fenner POWERTRAN® Belt Range :

Available in lengths from 1200 mm to 16000 mm and in belt sections SPB-PT, SPC-PT, 5V-PT and 8V-PT. Also available in Banded version up to length 10400mm.

### Fenner POWERTRAN® Belts conform to :

ISO 4184, DIN 2215 and BS 3790, they meet ISO 1813 for static conductivity and have an operating temperature range -30°C to +85°C

### Tension Stability Study



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