

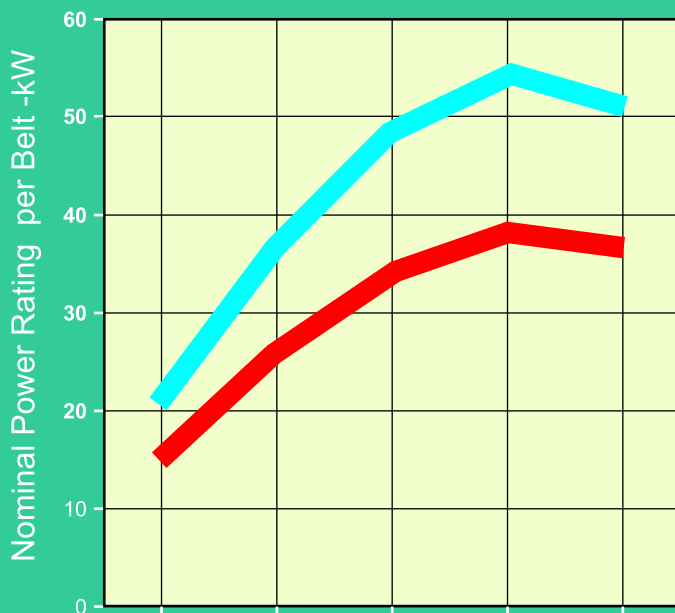
# POWERTRAN®

## 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® 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®**

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

### 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.

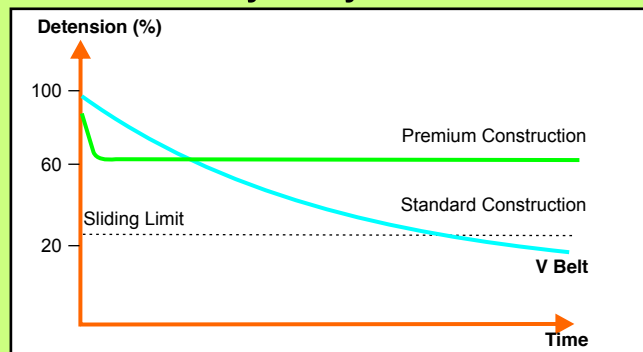
### Fenner POWERTRAN® Belt Range :

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



## Fenner (India) Limited

**Corporate Office** : Khivraj Complex II, V Floor, 480, Anna Salai, Nandanam, Chennai-600 035.

Tel: 24312450 to 57. Fax: 044 - 24320193.

E.mail : ptd\_mhq@fennermail.com Website: www.fennerindia.com

**Registered Office** : 3, Madurai - Melakkal Road, Kochadai, Madurai - 625 016.

Tel: 2383801, 2383802. Fax: 0452 -2383822.



**Branches at :** **Ahmedabad** : Shreeji House, 3rd Floor, Behind M.J.Library, Ellis Bridge, Ahmedabad - 386 006. Tel: 079-26578572, 26578590. **Bangalore** : No.20, New Timber Yard Layout, Mysore Road, Bangalore - 560 026. Tel: 080-26756333, Fax: 080-26741001. **Hyderabad** : 6-16/3/2, Kukatpally, Hyderabad 500072. 040-23810112, 23813626. **Indore** : 24, Sitabagh Colony, Dhenu Market, Indore - 452 001, Tel: 0731 -2538248. Fax: 0731-4043935. **Jaipur** : A-21, Opp. State Bank of India, Bais Godown, Industrial Area, Jaipur-302006, Tel:0141-2211075, 93148 70878. **Kanpur** : 112/371 (A), Swarop Nagar, Kanpur -208 002, Tel : 0512-2525304, 2540915. Fax: 0512-2294071. **Kochi** : 32/364-A,A-I,A-II Masjid Road, Palarivattom, Kochi - 682 025.Tel : 0484-3242480 Ph:98950 71066Tel : 0484-3242480. **Kolkata** : 56-D, Mirza Ghalib Street, Kolkata-700 016. Tel: 033-22298784, 22298791. Fax : 033 - 22290701, 22297880. **Ludhiana** : B-XVII/ 2820/48, Opp to Adam Park, Jammu Colony, Link Road, Ludhiana -141 003. Tel : 0161-2410214, Telefax : 0161-2443791. **Madurai** : 117/6E, Madurai - Usilampatti Road, Meenakshipuram, Madurai-625 016. Tel: 0452-2383920, Telefax : 0452-2383921. **Mumbai** : 105, Gauri Complex, Sector-11, CBD-Belapur, Navi Mumbai-400 614. Tel: 022-27560985, 022-27580236. Fax : 022-27563330. **New Delhi** : 2nd Floor, Delite Theatre Building, Asaf Ali Road, New Delhi-110002. Tel: 011-23243112, 23243113, 23243153 & 23243154. Fax: 011-23243114.