



Flexonic®

The first flexible belt for industry

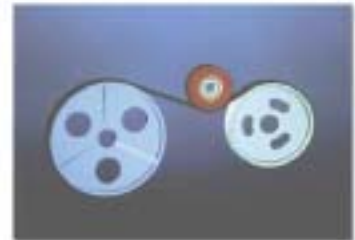
HIGH QUALITY DRIVE

- Compact drive
- Reduced vibration due to damping effect
- Increased effective power transmission
- Reduced noise level
- Uniform tension across belt width



APPLICATIONS FIELDS

Washing Machines / Industrial Blowers / Compressors / Wood Planing & Sanding Machines / Treadmills / Exercise Bicycles / Cement Mixers / Air Conditioning Units / Generators / Lawn and garden Equipment / Drives for Elevator Doors / Food Mixers / Agricultural Machinery / Concrete Cutting Saws / Vacuum Cleaners / Chainsaws / Floor Cleaners & Polishers / Miter Saws / and many more...



COST SAVINGS

- Self tensioning - no need for tensioning devices
- Reduced maintenance cost due to :
 - ➔ No "take up" re-tensioning required
 - ➔ Increased belt life
- Quick and simple to fit in the field
 - ➔ Fixed center distances between pulleys
 - ➔ Uses standard Poly V® profile pulleys
- Increased life of transmission components
 - ➔ Damping effect reduces shock loading on bearings

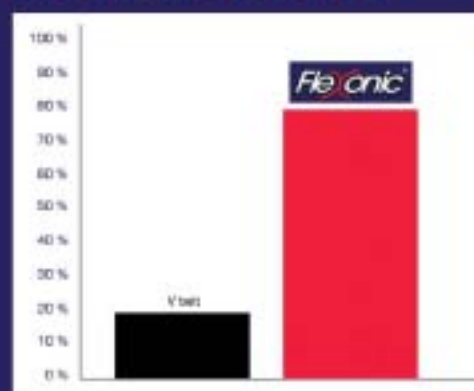
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GENERAL DATA

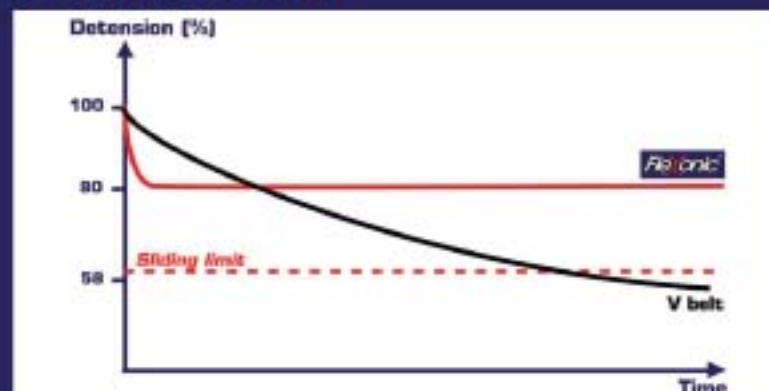
- An elastic Polyamid Tension Cord is built into the belt
- Increased flexibility
- The belt tension is engineered to suit each drive
- The compound is designed for extremes of temperature
- Power can be transmitted in a wide range, from 0 to 40 Kw
- Standard Poly V® pulleys to ISO 9982 can be used
- Used for simple 2 pulley drives, and multiple pulley "Serpentine" drives



ABSORBED VIBRATION



TENSION STABILITY



TECHNICAL DATA

	Flexonic® PH	Flexonic® PJ	Flexonic® PK
Thickness	2.3 mm/ 2.5 mm	3.2 mm/ 3.3 mm/ 3.5 mm	4.7 mm
Minimum pulley diameter	8 mm	16 mm	45 mm
High linear speed	80 m/s	60 m/s	55 m/s
Linear mass	0.0042 kg/m/rib	0.008 kg/m/rib	0.020 kg/m/rib
Setting tension	20 to 30 N/rib/span	30 to 50 N/rib/span	70 to 90 N/rib/span



HUTCHINSON TRANSMISSION
POLY V® SERVICE

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