



Power Transmission

optibelt *SUPER VX*

The base compound consists of a polychloroprene rubber with fibres inlaid transversely to the running direction. The high quality and extremely low stretch tension cord of polyester or aramid is embedded into a rubber cushion compound. It is effectively supported by a fabric outer surface and by the base compound. The base compound provided with its incorporated transverse fibres provides transverse rigidity without sacrificing flexibility.

Advantages

- Variable speed belts
- Raw edge, moulded cogged, or double-cogged
- High level of power transmission
- Excellent longitudinal flexibility
- High transverse rigidity
- Especially quiet running even at high belts speeds
- Resistance to abrasion and slip
- Long service life

Optibelt SUPER VX variable speed belts are preferably used for infinitely variable speed control.

The special belt structure allows high dynamic loads, a superior power transmission capability and good control characteristics.

Examples of Applications

- | | |
|-------------------------|--------------------------------|
| Mechanical engineering | ■ Special drives |
| Gear manufacturing | ■ Adjustable flange pulleys |
| Printing presses | ■ Multi-colour offset printing |
| Agricultural machinery | ■ Threshing cylinder drives |
| Machine tools | ■ Lathes |
| Adjustable speed drives | ■ Compact units |
| Textile machines | ■ Spooling machine |



- 1 Belt outer surface
- 2 Tension cord
- 3 Cushion compound
- 4 Base compound
- 5 Moulded cogs

Sections:

belt top widths from up to 100 mm
belt thickness from 5 to 30 mm

Dimensions:

range of lengths from 500 to 5000 mm
standardized dimensions according to DIN/ISO and RMA/MPTA American standards