optibelt

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Power Transmission

Variable speed belts – raw edge, moulded cogged

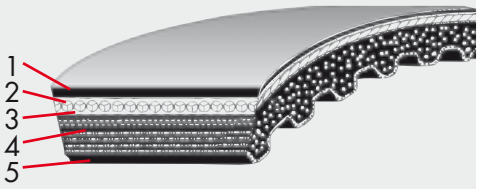
optibelt *VARIO POWER*

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

- high power ratings
- long service life
- smooth running even at high speeds
- high flexibility
- optimised heat dissipation

Optibelt VARIO POWER 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.
Also available as double-sided belt.



1 belt outer surface
2 tension cord
3 cushion compound
4 base compound
5 moulded cogs

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 machines*

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