

## 04 HI-POWER

### WRAPPED, CLASSICAL SECTION V-BELT

The wrapped classical section Hi-Power V-belt has a long reputation for reliability on agricultural and industrial applications. The arched top of the Hi-Power belt provides superior strength to prevent “dishing” and distortion of the tensile section. The cords are properly aligned, each of them carrying its full share of the load.

#### CONSTRUCTION

- Arched top, concave sidewalls and rounded corners provide uniform tensile loading and uniform sprocket sidewall contact for excellent belt service life and reduced sprocket wear.
- The Flex Weave oil and heat resistant cover protects the belt core from the toughest environments.
- The vulcanized Flex-bonded tensile cords provide superior resistance to tensile and flexing forces, fatigue and shock loads.
- High-quality rubber compound protects the belt against heat, ozone and sunlight.
- The belt will not catch fire from heat buildup, even with severe slippage.
- Static conductive (ISO 1813) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.

#### ORDERING CODE

##### Z19

Z - Section

19 - Inside length (inch)

**NOTE:** For correct design and tensioning of the belt please use Gates Design Power software, available on [www.gates.com](http://www.gates.com)

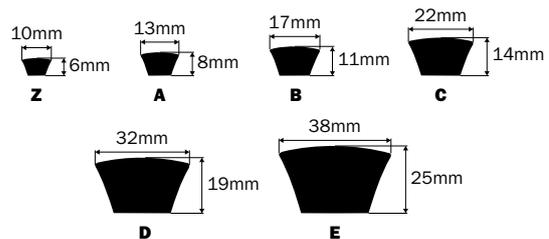
**PLEASE REFER TO P. 146 FOR SIZE LIST - ONLINE**

#### BENEFITS

- Excellent performance/cost ratio.
- Reliability and efficiency.
- Long belt life reducing replacement and maintenance costs.
- **Match** system: all sizes meet Gates **UNISET** tolerances, they can be installed without matching.
- REACH and RoHS 2 compliant.
- Temperature range: -30 °C to +60 °C.

#### SECTIONS AND NOMINAL DIMENSIONS

Section	Width (mm)	Height (mm)	Length range (datum length - mm)
Z	10	6	425 - 2500
A	13	8	457 - 5000
B	17	11	650 - 11960
C	22	14	1080 - 10795
D	32	19	2500 - 16850
E	38	25	4650 - 15330



B, C & D sections also available in PowerBand version p. 16.