



03 SUPER HC

WRAPPED, NARROW SECTION V-BELT

The Gates Super HC V-belt combines the strength of a wrapped belt construction with the economies of a narrow section V-belt. It transmits more power in a given space and allows more compact drive design than classical section V-belts. In short, it offers you more power and considerably reduces the space needed. This significantly cuts the overall drive cost. Super HC V-belts also have exclusive Gates construction features for longer life on your drives!

CONSTRUCTION

- Arched top, concave sidewalls and rounded corners provide uniform tensile loading and uniform sprocket sidewall contact for excellent belt service and reduced sprocket wear.
- The Flex-Weave oil and heat resistant cover protects the belt.
- The vulcanised Flex-bonded tensile cords provide superior resistance to tensile and flexing forces, fatigue and shock loads.
- 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.

BENEFITS

- Excellent performance/cost ratio.
- More compact design compared to classical section V-belts.
- State of the art production process with rotocuring:
- Advanced smooth running characteristics
- Improved profile stability
- Results-driven change based on development expertise
- Cost and space savings by reducing size of sprockets, bearings, guards and mounts.
- Improved belt life reducing expensive maintenance time.
- **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.

ORDERING CODE

SPZ 1060/3V420
SPZ - Section
1060 - Datum length (mm)
3V - Section
420 - Effective length (42.0 inch)
NOTE: For correct design and tensioning of the belt please use Gates Design Power software, available on www.gates.com

PLEASE REFER TO P. 136 FOR SIZE LIST

SECTIONS AND NOMINAL DIMENSIONS			
Section	Width (mm)	Height (mm)	Length range (datum length - mm)
SPZ/3V	10	8	487 - 3750
SPA	13	10	732 - 5000
SPB/5V	16	13	1250 - 8000
SPC	22	18	2000 - 16500
8V	26	23	2540 - 14225

 SPZ/3V	 SPA	 SPB/5V	 SPC
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SPB, SPC also available in PowerBand version p. 16 or aramid cord construction p. 6.

