

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 pulley sidewall contact for excellent belt service and reduced pulley 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.
- Cost and space savings by reducing size of pulleys, 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.

Please refer to p. 75 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

SPB, SPC also available in PowerBand™ version p. 16 or aramid cord construction p. 6.

### Ordering code

SPZ1060/3V420  
 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 DesignFlex™Pro™ Drive design software, available on [www.Gates.com](http://www.Gates.com).

### Identification

Durable yellow marking indicating the belt type and white marking indicating the belt dimensions.

**SPA (CONTINUED)**

Description	Datum Length	Stock	New
	mm		
SPA2500	2500	•	
SPA2532	2532	•	
SPA2582	2582		
SPA2607	2607	•	
SPA2632	2632	•	
SPA2650	2650	•	
SPA2682	2682	•	
SPA2732	2732	•	•
SPA2782	2782		
SPA2800	2800	•	
SPA2832	2832	•	
SPA2847	2847	•	
SPA2882	2882		
SPA2900	2900	•	
SPA2932	2932	•	
SPA2982	2982	•	
SPA3000	3000	•	
SPA3032	3032	•	
SPA3082	3082	•	
SPA3150	3150	•	
SPA3182	3182	•	
SPA3282	3282	•	
SPA3350	3350	•	
SPA3382	3382		
SPA3450	3450	•	
SPA3550	3550	•	
SPA3650	3650		
SPA3750	3750	•	
SPA4000	4000	•	
SPA4250	4250	•	
SPA4500	4500	•	
SPA5000	5000		