

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 **UNISSET** 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 .
Identification
Durable yellow marking indicating the belt type and white marking indicating the belt dimensions.

SPB-5V

Description	Datum Length	Effective Length	Stock	New
	mm	inch		
SPB1250	1250		•	
SPB1260/5V500	1260	50	•	•
SPB1320	1320		•	
SPB1340/5V530	1340	53		•
SPB1360	1360		•	
SPB1400	1400		•	
SPB1410/5V560	1410	56	•	•
SPB1450	1450		•	
SPB1500	1500		•	
SPB1510/5V600	1510	60	•	•
SPB1550	1550		•	
SPB1590/5V630	1590	63	•	•
SPB1600	1600		•	
SPB1650	1650		•	
SPB1690/5V670	1690	67	•	•
SPB1700	1700		•	
SPB1750	1750		•	
SPB1778	1778			
SPB1790/5V710	1790	71	•	•
SPB1800	1800		•	
SPB1850	1850		•	
SPB1860	1860			
SPB1900/5V750	1900	75	•	
SPB1930	1930			
SPB1950	1950		•	
SPB2000	2000		•	
SPB2020/5V800	2020	80	•	
SPB2060	2060		•	
SPB2098	2098			
SPB2120	2120		•	
SPB2150/5V850	2150	85	•	
SPB2180	2180		•	
SPB2200	2200			
SPB2240	2240		•	
SPB2280/5V900	2280	90	•	
SPB2300	2300		•	
SPB2360/5V930	2360	93	•	
SPB2391	2391			
SPB2400/5V950	2400	95	•	
SPB2430	2430		•	
SPB2450	2450		•	
SPB2500	2500		•	
SPB2530/5V1000	2530	100	•	•
SPB2580	2580		•	
SPB2600	2600			
SPB2650	2650		•	
SPB2680/5V1060	2680	106	•	
SPB2720	2720		•	
SPB2800	2800		•	
SPB2840/5V1120	2840	112	•	
SPB2850	2850		•	