

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.

SPA (CONTINUED)

Description	Datum Length	Stock	New
	mm		
SPA1500	1500	●	
SPA1507	1507	●	
SPA1532	1532	●	
SPA1550	1550	●	
SPA1557	1557	●	
SPA1582	1582	●	
SPA1600	1600	●	
SPA1607	1607	●	
SPA1632	1632	●	
SPA1650	1650	●	
SPA1657	1657	●	
SPA1682	1682		
SPA1700	1700	●	
SPA1707	1707	●	
SPA1732	1732	●	
SPA1750	1750	●	
SPA1757	1757	●	
SPA1782	1782	●	
SPA1800	1800	●	
SPA1807	1807	●	
SPA1832	1832	●	
SPA1850	1850		
SPA1857	1857	●	
SPA1882	1882	●	
SPA1900	1900	●	
SPA1907	1907	●	
SPA1932	1932	●	
SPA1950	1950	●	
SPA1957	1957	●	
SPA1982	1982	●	
SPA2000	2000	●	
SPA2032	2032	●	
SPA2057	2057		
SPA2060	2060	●	
SPA2082	2082	●	
SPA2120	2120	●	
SPA2132	2132	●	
SPA2180	2180		
SPA2182	2182	●	
SPA2207	2207	●	
SPA2232	2232	●	
SPA2240	2240	●	
SPA2282	2282	●	
SPA2300	2300	●	
SPA2307	2307	●	
SPA2332	2332	●	
SPA2360	2360	●	
SPA2382	2382	●	
SPA2430	2430	●	
SPA2432	2432	●	
SPA2482	2482	●	