

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.

SPZ-3V

Description	Datum Length		Effective Length		Stock	New
	mm	inch				
SPZ487	487				•	
SPZ512	512				•	
SPZ560	560				•	
SPZ562	562				•	
SPZ587	587				•	
SPZ612	612				•	
SPZ615	615				•	
SPZ630/3V250	630	25.0			•	
SPZ637	637				•	
SPZ662	662				•	
SPZ670/3V265	670	26.5			•	
SPZ687	687				•	
SPZ710/3V280	710	28.0			•	
SPZ722	722					
SPZ730	730				•	
SPZ737	737				•	
SPZ750	750				•	
SPZ762/3V300	762	30.0			•	
SPZ772	772				•	
SPZ775	775				•	
SPZ787	787				•	
SPZ800/3V315	800	31.5			•	
SPZ812	812				•	
SPZ825	825				•	
SPZ837	837				•	
SPZ850/3V335	850	33.5			•	
SPZ862	862				•	
SPZ875	875				•	
SPZ887	887				•	
SPZ900/3V355	900	35.5			•	
SPZ912	912				•	
SPZ925	925				•	
SPZ937	937				•	
SPZ950/3V375	950	37.5			•	
SPZ962	962				•	
SPZ975	975				•	
SPZ987	987				•	
SPZ1000	1000				•	
SPZ1012/3V400	1012	40.0			•	
SPZ1024	1024				•	
SPZ1030	1030				•	
SPZ1037	1037				•	
SPZ1047	1047				•	
SPZ1060/3V420	1060	42.0			•	
SPZ1062	1062				•	
SPZ1077/3V425	1077	42.5			•	
SPZ1087	1087				•	
SPZ1090	1090				•	
SPZ1112	1112				•	
SPZ1120	1120				•	
SPZ1137/3V450	1137	45.0			•	