

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

Description	Datum Length	Stock	New
mm			
SPA732	732	●	
SPA757	757	●	
SPA782	782		
SPA800	800	●	
SPA807	807	●	
SPA832	832	●	
SPA850	850	●	
SPA857	857	●	
SPA882	882	●	
SPA900	900	●	
SPA907	907	●	
SPA925	925	●	
SPA932	932	●	
SPA950	950	●	
SPA957	957	●	
SPA975	975	●	
SPA982	982	●	
SPA1000	1000	●	
SPA1007	1007	●	
SPA1030	1030	●	
SPA1032	1032	●	
SPA1057	1057	●	
SPA1060	1060	●	
SPA1082	1082	●	
SPA1090	1090	●	
SPA1107	1107	●	
SPA1120	1120	●	
SPA1132	1132	●	
SPA1150	1150	●	
SPA1157	1157	●	
SPA1180	1180	●	
SPA1207	1207	●	
SPA1215	1215	●	
SPA1232	1232	●	
SPA1250	1250	●	
SPA1257	1257	●	
SPA1272	1272		
SPA1282	1282	●	
SPA1285	1285	●	
SPA1307	1307	●	
SPA1320	1320	●	
SPA1332	1332	●	
SPA1357	1357	●	
SPA1360	1360	●	
SPA1382	1382	●	
SPA1400	1400	●	
SPA1407	1407	●	
SPA1432	1432	●	
SPA1450	1450	●	
SPA1457	1457	●	
SPA1482	1482	●	