

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.

SPC

Description	Datum Length	Stock	New
	mm		
SPC2000	2000	●	
SPC2120	2120	●	
SPC2240	2240	●	
SPC2360	2360	●	
SPC2500	2500	●	
SPC2550	2550		
SPC2650	2650	●	
SPC2800	2800	●	
SPC3000	3000	●	
SPC3150	3150	●	
SPC3350	3350	●	
SPC3550	3550	●	
SPC3750	3750	●	
SPC4000	4000	●	
SPC4100	4100		
SPC4250	4250	●	
SPC4500	4500	●	
SPC4750	4750	●	
SPC5000	5000	●	
SPC5300	5300	●	
SPC5600	5600	●	
SPC5800	5800	●	
SPC6000	6000	●	
SPC6300	6300	●	
SPC6500	6500		
SPC6700	6700	●	
SPC7100	7100	●	
SPC7500	7500	●	
SPC8000	8000	●	
SPC8500	8500	●	
SPC9000	9000	●	
SPC9500	9500	●	
SPC10000	10000	●	
SPC10600	10600	●	
SPC11200	11200	●	
SPC11800	11800		
SPC12000	12000		
SPC12500	12500	●	
SPC13500	13500		
SPC13800	13800		
SPC14200	14200		
SPC15000	15000		
SPC16500	16500		