

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 **UNISET** 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 (CONTINUED)

Description	Datum Length		Effective Length	Stock	New
	mm	inch			
SPZ1150	1150		●		
SPZ1162	1162		●		
SPZ1270/3V500	1270	50.0	●		●
SPZ1180	1180		●		
SPZ1187	1187		●		
SPZ1202/3V475	1202	47.5	●		
SPZ1212	1212		●		
SPZ1215	1215		●		
SPZ1237	1237		●		
SPZ1250	1250		●		
SPZ1262/3V500	1262	50.0	●		
SPZ1287	1287		●		
SPZ1312	1312		●		
SPZ1320	1320		●		
SPZ1337/3V530	1337	53.0	●		
SPZ1347	1347		●		
SPZ1360	1360		●		
SPZ1362	1362		●		
SPZ1387	1387		●		
SPZ1400	1400		●		
SPZ1412/3V560	1412	56.0	●		
SPZ1420	1420		●		●
SPZ1437	1437		●		
SPZ1450	1450		●		
SPZ1462	1462		●		
SPZ1487	1487		●		
SPZ1500/3V590	1500	59.0	●		
SPZ1512/3V600	1512	60.0	●		
SPZ1520	1520		●		●
SPZ1537	1537		●		
SPZ1550	1550		●		
SPZ1562	1562		●		
SPZ1575	1575				
SPZ1587	1587		●		
SPZ1600/3V630	1600	63.0	●		
SPZ1612	1612		●		
SPZ1637	1637		●		
SPZ1650/3V650	1650	65.0	●		
SPZ1662	1662		●		
SPZ1687	1687		●		
SPZ1700/3V670	1700	67.0	●		
SPZ1737	1737		●		
SPZ1750	1750		●		
SPZ1762	1762		●		
SPZ1787	1787		●		
SPZ1800/3V710	1800	71.0	●		
SPZ1812	1812		●		
SPZ1837	1837		●		
SPZ1850/3V730	1850	73.0	●		
SPZ1862	1862		●		
SPZ1887	1887		●		