

Super HC™ MN V-belts put more power where high speeds, high speed ratios or small pulley diameters are required, offering significant benefits over classical section V-belts. Developed through specialised research, Super HC™ MN is highly recommended for use on all industrial heavy-duty, narrow section V-belt drives. With an increased transmission efficiency this belt allows for a more compact and highly economical drive design. Super HC™ MN belts are available up to 4750mm ISO datum lengths.

CONSTRUCTION

- MN = Moulded Notches reduce and evenly distribute thermal and bending stresses. The moulded notch pattern also reduces noise.
- Precision-ground straight sidewalls give a uniform wedging action and ensure the belt fits correctly in the pulley grooves.
- Back idlers can be used.
- Flex-bonded tensile cords are vulcanised as one solid unit making the belt highly resistant to tensile and flexing forces, fatigue and shock loads.
- Elastomeric compound protects the belt against heat, ozone and sunlight.
- Even with severe slippage, the belt will not catch fire from heat build-up.
- 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. 85 for size list.

Ordering code

SPZ560MN
SPZ - Section
560 - Datum length (mm)
MN - Moulded notch

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.

Sections and nominal dimensions

Section	Width (mm)	Height (mm)	Length range (datum length - mm)
SPZ-MN	10	8	560 – 3550
SPA-MN	13	10	732 – 4000
SPB-MN	16	13	1250 – 4750
SPC-MN	22	18	2000 – 4750

04 SUPER HC™ MN

RAW EDGE, MOULDED NOTCH NARROW SECTION V-BELT



SPB

Description	Datum Length	Stock	New
	mm		
SPB1250MN	1250	•	
SPB1260MN	1260		
SPB1320MN	1320	•	
SPB1340MN	1340		
SPB1400MN	1400	•	
SPB1410MN	1410	•	
SPB1500MN	1500	•	
SPB1510MN	1510		
SPB1590MN	1590	•	
SPB1600MN	1600	•	
SPB1690MN	1690	•	
SPB1700MN	1700	•	
SPB1750MN	1750	•	
SPB1800MN	1800	•	
SPB1900MN	1900	•	
SPB2000MN	2000	•	
SPB2020MN	2020	•	
SPB2120MN	2120	•	
SPB2150MN	2150	•	
SPB2240MN	2240	•	
SPB2280MN	2280	•	
SPB2360MN	2360	•	
SPB2410MN	2410	•	
SPB2500MN	2500	•	
SPB2530MN	2530	•	
SPB2650MN	2650	•	
SPB2680MN	2680	•	
SPB2800MN	2800	•	
SPB2840MN	2840	•	
SPB2990MN	2990	•	
SPB3000MN	3000	•	
SPB3150MN	3150	•	
SPB3350MN	3350	•	
SPB3550MN	3550	•	
SPB3750MN	3750	•	
SPB4000MN	4000	•	
SPB4250MN	4250		
SPB4500MN	4500	•	
SPB4750MN	4750	•	