

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



SPZ

Description	Datum Length	Stock	New
	mm		
SPZ560MN	560		
SPZ562MN	562	•	
SPZ612MN	612	•	
SPZ630MN	630	•	
SPZ637MN	637		
SPZ662MN	662		
SPZ670MN	670		
SPZ687MN	687		
SPZ710MN	710	•	
SPZ722MN	722		
SPZ730MN	730		
SPZ737MN	737		
SPZ750MN	750	•	
SPZ760MN	760		
SPZ762MN	762	•	
SPZ772MN	772		
SPZ775MN	775		
SPZ787MN	787	•	
SPZ800MN	800	•	
SPZ812MN	812		
SPZ825MN	825	•	
SPZ837MN	837		
SPZ850MN	850	•	
SPZ862MN	862	•	
SPZ875MN	875	•	
SPZ887MN	887		
SPZ900MN	900	•	
SPZ912MN	912		
SPZ925MN	925	•	
SPZ937MN	937	•	
SPZ950MN	950	•	
SPZ962MN	962	•	
SPZ975MN	975	•	
SPZ987MN	987	•	
SPZ1000MN	1000	•	
SPZ1010MN	1010		
SPZ1012MN	1012		
SPZ1025MN	1025		
SPZ1030MN	1030		
SPZ1037MN	1037	•	
SPZ1047MN	1047		
SPZ1060MN	1060	•	
SPZ1062MN	1062		
SPZ1077MN	1077	•	
SPZ1080MN	1080	•	
SPZ1087MN	1087	•	
SPZ1090MN	1090		
SPZ1112MN	1112	•	
SPZ1120MN	1120	•	
SPZ1137MN	1137	•	
SPZ1140MN	1140	•	