

## 04 SUPER HC™ MN

RAW EDGE, MOULDED NOTCH NARROW SECTION V-BELT



**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](http://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

**SPA**

Description	Datum Length	Stock	New
	mm		
SPA732MN	732		
SPA757MN	757		
SPA782MN	782		
SPA800MN	800	•	
SPA807MN	807	•	
SPA819MN	819		
SPA832MN	832		
SPA850MN	850	•	
SPA857MN	857		
SPA882MN	882	•	
SPA900MN	900	•	
SPA907MN	907		
SPA925MN	925		
SPA932MN	932		
SPA950MN	950	•	
SPA957MN	957		
SPA975MN	975	•	
SPA982MN	982	•	
SPA1000MN	1000	•	
SPA1007MN	1007		
SPA1030MN	1030	•	
SPA1032MN	1032	•	
SPA1060MN	1060	•	
SPA1082MN	1082	•	
SPA1090MN	1090	•	
SPA1107MN	1107	•	
SPA1120MN	1120	•	
SPA1132MN	1132	•	
SPA1140MN	1140		
SPA1150MN	1150	•	
SPA1157MN	1157	•	
SPA1180MN	1180	•	
SPA1207MN	1207	•	
SPA1215MN	1215	•	
SPA1232MN	1232	•	
SPA1250MN	1250	•	
SPA1257MN	1257	•	
SPA1272MN	1272	•	
SPA1282MN	1282	•	
SPA1285MN	1285		
SPA1307MN	1307	•	
SPA1320MN	1320	•	
SPA1332MN	1332	•	
SPA1357MN	1357	•	
SPA1360MN	1360	•	
SPA1382MN	1382	•	
SPA1400MN	1400	•	
SPA1407MN	1407		
SPA1432MN	1432	•	
SPA1450MN	1450	•	
SPA1457MN	1457	•	