



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



SPA (CONTINUED)

Description	Datum Length	Stock	New
mm			
SPA1482MN	1482	•	
SPA1500MN	1500	•	
SPA1507MN	1507	•	
SPA1532MN	1532	•	
SPA1550MN	1550	•	
SPA1557MN	1557	•	
SPA1582MN	1582	•	
SPA1600MN	1600	•	
SPA1607MN	1607		
SPA1632MN	1632	•	
SPA1650MN	1650	•	
SPA1657MN	1657	•	
SPA1682MN	1682	•	
SPA1700MN	1700	•	
SPA1707MN	1707		
SPA1732MN	1732	•	
SPA1750MN	1750	•	
SPA1757MN	1757	•	
SPA1782MN	1782	•	
SPA1800MN	1800	•	
SPA1807MN	1807		
SPA1832MN	1832	•	
SPA1857MN	1857	•	
SPA1882MN	1882	•	
SPA1900MN	1900	•	
SPA1907MN	1907		
SPA1932MN	1932	•	
SPA1950MN	1950	•	
SPA1957MN	1957	•	
SPA1982MN	1982	•	
SPA2000MN	2000	•	
SPA2032MN	2032	•	
SPA2057MN	2057	•	
SPA2060MN	2060		
SPA2082MN	2082	•	
SPA2120MN	2120	•	
SPA2132MN	2132	•	
SPA2182MN	2182	•	
SPA2207MN	2207		
SPA2232MN	2232		
SPA2240MN	2240	•	
SPA2282MN	2282	•	
SPA2300MN	2300	•	
SPA2307MN	2307		
SPA2332MN	2332	•	
SPA2360MN	2360	•	
SPA2382MN	2382	•	
SPA2430MN	2430	•	
SPA2482MN	2482	•	
SPA2500MN	2500	•	
SPA2532MN	2532	•	