

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.

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

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SPA (CONTINUED)

Description	Datum Length	Stock	New
	mm		
SPA2582MN	2582	●	
SPA2607MN	2607		
SPA2632MN	2632		
SPA2650MN	2650	●	
SPA2682MN	2682		
SPA2732MN	2732	●	
SPA2782MN	2782		
SPA2800MN	2800	●	
SPA2832MN	2832		
SPA2847MN	2847		
SPA2882MN	2882		
SPA2900MN	2900		
SPA2932MN	2932		
SPA2982MN	2982		
SPA3000MN	3000	●	
SPA3150MN	3150	●	
SPA3350MN	3350		
SPA3550MN	3550	●	
SPA3750MN	3750		
SPA4000MN	4000		