

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

# 04 SUPER HC™ MN

RAW EDGE, MOULDED NOTCH NARROW SECTION V-BELT



## SPZ (CONTINUED)

Description	Datum Length	Stock	New
mm			
SPZ1150MN	1150	•	
SPZ1162MN	1162	•	
SPZ1180MN	1180	•	
SPZ1187MN	1187		
SPZ1200MN	1200	•	
SPZ1202MN	1202	•	
SPZ1212MN	1212	•	
SPZ1237MN	1237	•	
SPZ1250MN	1250	•	
SPZ1262MN	1262		
SPZ1270MN	1270	•	
SPZ1287MN	1287	•	
SPZ1312MN	1312	•	
SPZ1320MN	1320	•	
SPZ1337MN	1337	•	
SPZ1340MN	1340	•	
SPZ1347MN	1347		
SPZ1362MN	1362	•	
SPZ1387MN	1387	•	
SPZ1400MN	1400	•	
SPZ1412MN	1412	•	
SPZ1420MN	1420	•	
SPZ1437MN	1437	•	
SPZ1450MN	1450	•	
SPZ1462MN	1462	•	
SPZ1487MN	1487	•	
SPZ1500MN	1500	•	
SPZ1512MN	1512	•	
SPZ1520MN	1520		
SPZ1537MN	1537	•	
SPZ1550MN	1550		
SPZ1562MN	1562	•	
SPZ1587MN	1587	•	
SPZ1600MN	1600	•	
SPZ1612MN	1612		
SPZ1637MN	1637	•	
SPZ1650MN	1650	•	
SPZ1662MN	1662	•	
SPZ1687MN	1687		
SPZ1700MN	1700	•	
SPZ1737MN	1737		
SPZ1750MN	1750	•	
SPZ1762MN	1762	•	
SPZ1782MN	1782		
SPZ1787MN	1787		
SPZ1800MN	1800	•	
SPZ1812MN	1812		
SPZ1837MN	1837		
SPZ1850MN	1850	•	
SPZ1862MN	1862	•	
SPZ1887MN	1887		