

# SUPER HC™ MOLDED NOTCH & MOLDED NOTCH POWERBAND™

## RAW EDGE, MOLDED NOTCH NARROW CROSS SECTION V-BELT & POWERBANDS

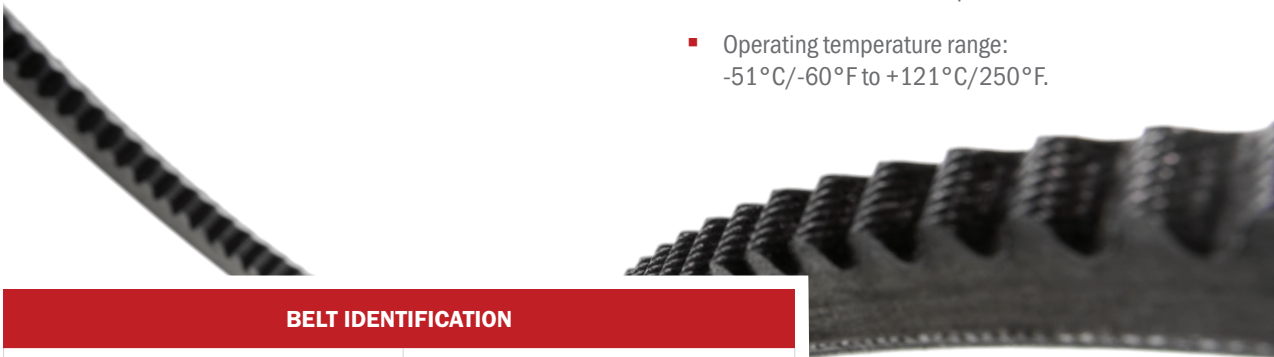
When your power transmission application needs a high horsepower solution but is constrained by drive weight or physical space, the answer is Super HC Molded Notch belts. Our proprietary ethylene construction process provides a superior combination of flex and load-carrying capacity, transmitting up to three times the horsepower versus comparably sized belts. 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.

### CONSTRUCTION + SPECIFICATIONS

- **Flex-bonded tensile cords** are vulcanized as one solid unit making the belt highly resistant to tensile and flexing forces, fatigue and shock loads.
- **Precision-ground** straight sidewalls give a uniform wedging action and ensure the belt fits correctly in the pulley grooves.
- **Patented Ethylene compound** and optimized notches molded into the belt during manufacturing increase flexibility for compatibility with small diameter sheaves.

### FEATURES + BENEFITS

- 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 by reducing size of pulleys, bearings, guards and mounts.
- Improved belt life reducing expensive maintenance time.
- All sizes meet Gates V80® system matching tolerances.
- REACH and RoHS 2 compliant.
- Operating temperature range: -51°C/-60°F to +121°C/250°F.



### BELT IDENTIFICATION

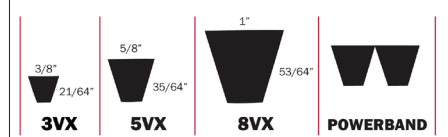
Singles: **5VX1000**  
**5V** - Cross Section  
**X** - Molded Notch (Cogged) Construction  
**1000** - Outside Circumference (in), plus added zero to designate part number

PowerBands: **4/5VX750**  
**4** - Number of Strands/Ribs followed by slash (/)  
**5V** - Cross Section  
**X** - Molded Notch (Cogged) Construction  
**1000** - Outside Circumference (in), plus added zero to designate part number

**Available Stock Sizes**  
**3VX** 25-150 (in)  
**5VX** 35-200 (in)  
**8VX** 100-200 (in)

**Available Stock PowerBand Sizes**  
**3VX** 25-140 (in)  
**5VX** 50-200 (in)

### Belt Identification Chart





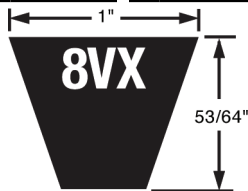
# Super HC<sup>®</sup> Molded Notch Belts

## Product No. Series 9414 (continued)

### 5VX Section (continued)

Part No.	Product No.	O.C. (in)	Weight (Lbs.)	Qty Per Ctn	Part No.	Product No.	O.C. (in)	Weight (Lbs.)	Qty Per Ctn
5VX670	9414-0670	67.00	.680	10	5VX990	9414-0990	99.00	.980	10
5VX680	9414-0680	68.00	.680	10	5VX1000	9414-1000	100.00	1.000	10
5VX690	9414-0690	69.00	.680	10	5VX1017	9414-1017	101.70	1.020	10
5VX700	9414-0700	70.00	.700	10	5VX1030	9414-1030	103.00	1.030	10
5VX710	9414-0710	71.00	.710	10	5VX1050	9414-1050	105.00	1.050	10
5VX720	9414-0720	72.00	.720	10	5VX1060	9414-1060	106.00	1.060	10
5VX730	9414-0730	73.00	.740	10	5VX1080	9414-1080	108.00	1.070	10
5VX740	9414-0740	74.00	.750	10	5VX1108	9414-1108	110.80	1.100	10
5VX750	9414-0750	75.00	.760	10	5VX1120	9414-1120	112.00	1.110	10
5VX760	9414-0760	76.00	.760	10	5VX1139	9414-1139	113.90	1.140	10
5VX769	9414-0769	76.90	.770	40	5VX1150	9414-1150	115.00	1.140	10
5VX780	9414-0780	78.00	.780	10	5VX1160	9414-1160	116.00	1.150	10
5VX790	9414-0790	79.00	.800	10	5VX1162	9414-1162	116.20	1.150	10
5VX800	9414-0800	80.00	.810	10	5VX1180	9414-1180	118.00	1.170	10
5VX810	9414-0810	81.00	.820	10	5VX1220	9414-1220	122.00	1.200	10
5VX830	9414-0830	83.00	.830	10	5VX1230	9414-1230	123.00	1.220	10
5VX840	9414-0840	84.00	.840	10	5VX1250	9414-1250	125.00	1.240	10
5VX850	9414-0850	85.00	.850	10	5VX1277	9414-1277	127.70	1.270	10
5VX860	9414-0860	86.00	.860	10	5VX1320	9414-1320	132.00	1.300	10
5VX867	9414-0867	86.70	.860	34	5VX1374	9414-1374	137.40	1.360	10
5VX880	9414-0880	88.00	.890	10	5VX1400	9414-1400	140.00	1.380	10
5VX890	9414-0890	89.00	.900	10	5VX1469	9414-1469	146.90	1.460	10
5VX900	9414-0900	90.00	.900	10	5VX1500	9414-1500	150.00	1.480	10
5VX918	9414-0918	91.80	.920	10	5VX1600	9414-1600	160.00	1.560	10
5VX930	9414-0930	93.00	.930	10	5VX1700	9414-1700	170.00	1.670	10
5VX940	9414-0940	94.00	.930	10	5VX1701	9414-1701	170.10	1.670	10
5VX950	9414-0950	95.00	.950	10	5VX1800	9414-1800	180.00	1.780	10
5VX960	9414-0960	96.00	.960	10	5VX1900	9414-1900	190.00	1.880	10
5VX978	9414-0978	97.80	.980	10	5VX2000	9414-2000	200.00	1.950	10

HEAVY DUTY V-BELTS



## Product No. Series 9516

### 8VX Section



Part No.	Product No.	O.C. (in)	Weight (Lbs.)	Qty Per Ctn	Part No.	Product No.	O.C. (in)	Weight (Lbs.)	Qty Per Ctn
8VX1000	9516-1000	100.00	2.710	10	8VX1500	9516-1500	150.00	4.110	5
8VX1060	9516-1060	106.00	2.870	10	8VX1600	9516-1600	160.00	4.380	5
8VX1120	9516-1120	112.00	3.030	10	8VX1700	9516-1700	170.00	4.550	5
8VX1180	9516-1180	118.00	3.240	10	8VX1800	9516-1800	180.00	4.920	5
8VX1250	9516-1250	125.00	3.380	10	8VX1900	9516-1900	190.00	5.190	5
8VX1320	9516-1320	132.00	3.580	10	8VX2000	9516-2000	200.00	5.460	5
8VX1400	9516-1400	140.00	3.840	5					