

SUPER HC™ MOLDED NOTCH & MOLDED NOTCH POWERBAND™

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

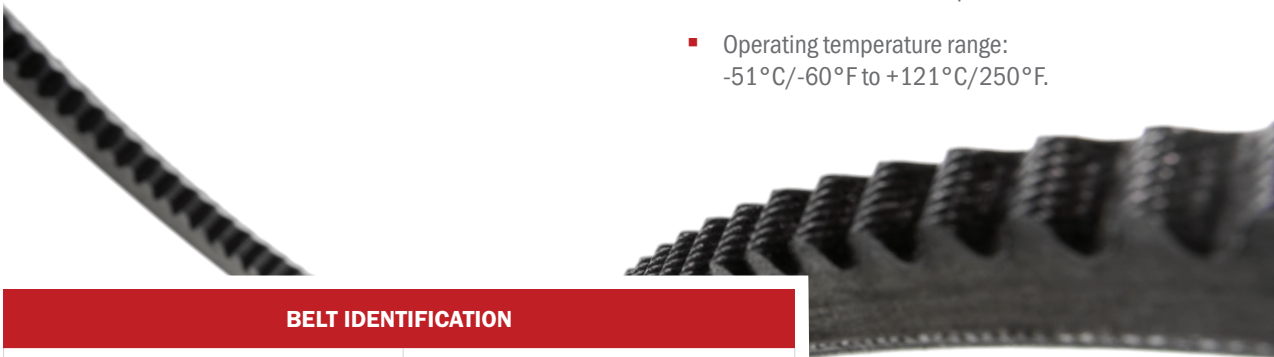
When your power transmission application needs a high horsepower solution but is constrained by drive weight or physical space, the answer is Super HC Molded Notch belts. Our proprietary ethylene construction process provides a superior combination of flex and load-carrying capacity, transmitting up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

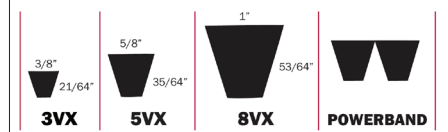
Available Stock Sizes

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



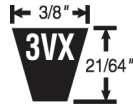


Super HC[®] Molded Notch Belts

Recommended Sheaves
Super HC Sheaves

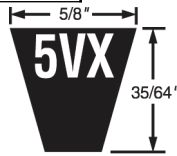
Notes
Gates Super HC Molded Notch belts are available in 3VX and 5VX cross-sections.

Product No. Series 9412



3VX 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
3VX250	9412-0250	25.00	.110	10	3VX600	9412-0600	60.00	.240	10
3VX265	9412-0265	26.50	.120	10	3VX616	9412-0616	61.60	.250	100
3VX280	9412-0280	28.00	.130	10	3VX630	9412-0630	63.00	.250	10
3VX290	9412-0290	29.00	.132	104	3VX650	9412-0650	65.00	.260	10
3VX300	9412-0300	30.00	.130	10	3VX670	9412-0670	67.00	.270	10
3VX315	9412-0315	31.50	.140	10	3VX690	9412-0690	69.00	.275	10
3VX326	9412-0326	32.60	.142	107	3VX710	9412-0710	71.00	.285	10
3VX335	9412-0335	33.50	.147	10	3VX750	9412-0750	75.00	.295	10
3VX350	9412-0350	35.00	.150	10	3VX771	9412-0771	77.10	.300	10
3VX355	9412-0355	35.50	.155	10	3VX800	9412-0800	80.00	.315	10
3VX366	9412-0366	36.60	.160	10	3VX826	9412-0826	82.60	.320	10
3VX375	9412-0375	37.50	.162	10	3VX850	9412-0850	85.00	.330	10
3VX385	9412-0385	38.50	.165	10	3VX900	9412-0900	90.00	.350	10
3VX390	9412-0390	39.00	.165	107	3VX926	9412-0926	92.60	.355	10
3VX400	9412-0400	40.00	.170	10	3VX950	9412-0950	95.00	.370	10
3VX415	9412-0415	41.50	.175	10	3VX974	9412-0974	97.40	.375	54
3VX425	9412-0425	42.50	.180	10	3VX1000	9412-1000	100.00	.385	10
3VX450	9412-0450	45.00	.190	10	3VX1027	9412-1027	102.70	.395	10
3VX464	9412-0464	46.40	.200	10	3VX1060	9412-1060	106.00	.410	10
3VX475	9412-0475	47.50	.200	10	3VX1088	9412-1088	108.80	.420	54
3VX487	9412-0487	48.70	.205	107	3VX1120	9412-1120	112.00	.430	10
3VX500	9412-0500	50.00	.205	10	3VX1146	9412-1146	114.60	.440	54
3VX520	9412-0520	52.00	.210	10	3VX1180	9412-1180	118.00	.450	10
3VX530	9412-0530	53.00	.215	10	3VX1224	9412-1224	122.40	.470	10
3VX540	9412-0540	54.00	.220	10	3VX1250	9412-1250	125.00	.475	10
3VX550	9412-0550	55.00	.225	10	3VX1296	9412-1296	129.60	.490	54
3VX560	9412-0560	56.00	.230	10	3VX1320	9412-1320	132.00	.500	10
3VX570	9412-0570	57.00	.235	10	3VX1400	9412-1400	140.00	.530	10
3VX580	9412-0580	58.00	.235	10	3VX1500	9412-1500	150.00	.560	1
3VX590	9412-0590	59.00	.240	10					



Product No. Series 9414



5VX 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
5VX350	9414-0350	35.00	.360	10	5VX510	9414-0510	51.00	.520	10
5VX362	9414-0362	36.20	.370	68	5VX519	9414-0519	51.90	.540	34
5VX372	9414-0372	37.20	.380	68	5VX530	9414-0530	53.00	.540	10
5VX382	9414-0382	38.20	.400	68	5VX540	9414-0540	54.00	.550	10
5VX392	9414-0392	39.20	.400	68	5VX550	9414-0550	55.00	.560	10
5VX402	9414-0402	40.20	.410	68	5VX560	9414-0560	56.00	.570	10
5VX412	9414-0412	41.20	.420	68	5VX570	9414-0570	57.00	.580	10
5VX422	9414-0422	42.20	.430	68	5VX580	9414-0580	58.00	.590	10
5VX433	9414-0433	43.30	.450	68	5VX590	9414-0590	59.00	.600	10
5VX450	9414-0450	45.00	.460	10	5VX600	9414-0600	60.00	.600	10
5VX459	9414-0459	45.90	.460	68	5VX610	9414-0610	61.00	.610	10
5VX470	9414-0470	47.00	.480	10	5VX619	9414-0619	61.90	.620	10
5VX479	9414-0479	47.90	.490	34	5VX630	9414-0630	63.00	.640	10
5VX490	9414-0490	49.00	.500	10	5VX650	9414-0650	65.00	.660	10
5VX500	9414-0500	50.00	.510	10	5VX660	9414-0660	66.00	.660	10

HEAVY DUTY V-BELTS



Super HC[®] Molded Notch PowerBand[®] Belts

Recommended Sheaves

Super HC Sheaves

Notes

Belt part number is constructed by placing the (#) number of strands required followed by a slash (/) in front of the belt size. For example, 5/3VX800 represents a 3VX800 with 5 joined strands.

Belt product number is 8 or 9 digits constructed of product series prefix, number of strands, and belt length. For example, 93885080 represents a "3VX" section PowerBand (9388) with 5 strands (5) that is 80.0 inches (080) long.

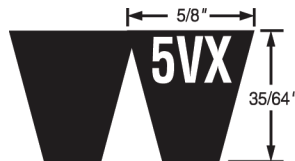
Product No. Series 9388



3VX Section

HEAVY DUTY V-BELTS

Size (# = strands)	O.C. (in)	Wt. Per Strand (Lbs.)	Belt Width In Number of Strands												
			2 Strand	3 Strand	4 Strand	5 Strand	6 Strand	7 Strand	8 Strand	9 Strand	10 Strand	11 Strand	12 Strand	13 to 22 Strand Maximum (## = strands)	
			9388-	9388-	9388-	9388-	9388-	9388-	9388-	9388-	9388-	9388-	9388-	9388-	
#/3VX250	25.00	.10	2025	3025	4025	5025									
#/3VX265	26.50	.14	2026	3026	4026	5026									
#/3VX280	28.00	.16	2028	3028	4028	5028									
#/3VX300	30.00	.18	2030	3030	4030	5030	6030	7030	8030	9030	10030	11030	12030		##030
#/3VX315	31.50	.20	2031	3031	4031	5031	6031	7031	8031	9031	10031	11031	12031		##031
#/3VX335	33.50	.20	2033	3033	4033	5033	6033	7033	8033	9033	10033	11033	12033		##033
#/3VX355	35.50	.20	2035	3035	4035	5035	6035	7035	8035	9035	10035	11035	12035		##035
#/3VX375	37.50	.22	2037	3037	4037	5037	6037	7037	8037	9037	10037	11037	12037		##037
#/3VX400	40.00	.24	2040	3040	4040	5040	6040	7040	8040	9040	10040	11040	12040		##040
#/3VX425	42.50	.26	2042	3042	4042	5042	6042	7042	8042	9042	10042	11042	12042		##042
#/3VX450	45.00	.28	2045	3045	4045	5045	6045	7045	8045	9045	10045	11045	12045		##045
#/3VX475	47.50	.29	2047	3047	4047	5047	6047	7047	8047	9047	10047	11047	12047		##047
#/3VX500	50.00	.30	2050	3050	4050	5050	6050	7050	8050	9050	10050	11050	12050		##050
#/3VX530	53.00	.33	2053	3053	4053	5053	6053	7053	8053	9053	10053	11053	12053		##053
#/3VX560	56.00	.34	2056	3056	4056	5056	6056	7056	8056	9056	10056	11056	12056		##056
#/3VX600	60.00	.37	2060	3060	4060	5060	6060	7060	8060	9060	10060	11060	12060		##060
#/3VX630	63.00	.40	2063	3063	4063	5063	6063	7063	8063	9063	10063	11063	12063		##063
#/3VX670	67.00	.41	2067	3067	4067	5067	6067	7067	8067	9067	10067	11067	12067		##067
#/3VX710	71.00	.44	2071	3071	4071	5071	6071	7071	8071	9071	10071	11071	12071		##071
#/3VX750	75.00	.46	2075	3075	4075	5075	6075	7075	8075	9075	10075	11075	12075		##075
#/3VX800	80.00	.50	2080	3080	4080	5080	6080	7080	8080	9080	10080	11080	12080		##080
#/3VX820	82.00	.51	2082	3082	4082	5082	6082	7082	8082	9082	10082	11082	12082		##082
#/3VX850	85.00	.53	2085	3085	4085	5085	6085	7085	8085	9085	10085	11085	12085		##085
#/3VX900	90.00	.56	2090	3090	4090	5090	6090	7090	8090	9090	10090	11090	12090		##090
#/3VX950	95.00	.60	2095	3095	4095	5095	6095	7095	8095	9095	10095	11095	12095		##095
#/3VX1000	100.00	.63	2100	3100	4100	5100	6100	7100	8100	9100	10100	11100	12100		##100
#/3VX1060	106.00	.66	2106	3106	4106	5106	6106	7106	8106	9106	10106	11106	12106		##106
#/3VX1120	112.00	.70	2112	3112	4112	5112	6112	7112	8112	9112	10112	11112	12112		##112
#/3VX1180	118.00	.74	2118	3118	4118	5118	6118	7118	8118	9118	10118	11118	12118		##118
#/3VX1250	125.00	.79	2125	3125	4125	5125	6125	7125	8125	9125	10125	11125	12125		##125
#/3VX1320	132.00	.83	2132	3132	4132	5132	6132	7132	8132	9132	10132	11132	12132		##132
#/3VX1400	140.00	.88	2140	3140	4140	5140	6140	7140	8140	9140	10140	11140	12140		##140



Product No. Series 9389



5VX Section

Size (# = strands)	O.C. (in)	Wt. Per Strand (Lbs.)	Belt Width In Number of Strands												
			2 Strand	3 Strand	4 Strand	5 Strand	6 Strand	7 Strand	8 Strand	9 Strand	10 Strand	11 Strand	12 Strand	13 Strand	
			9389-	9389-	9389-	9389-	9389-	9389-	9389-	9389-	9389-	9389-	9389-	9389-	
#/5VX500	50.00	.70	2050	3050	4050	5050	6050	7050	8050	9050	10050	11050	12050	13050	
#/5VX530	53.00	.80	2053	3053	4053	5053	6053	7053	8053	9053	10053	11053	12053	13053	
#/5VX560	56.00	.86	2056	3056	4056	5056	6056	7056	8056	9056	10056	11056	12056	13056	
#/5VX600	60.00	.96	2060	3060	4060	5060	6060	7060	8060	9060	10060	11060	12060	13060	
#/5VX630	63.00	1.00	2063	3063	4063	5063	6063	7063	8063	9063	10063	11063	12063	13063	