

# Super Power-Wedge® Band Banded Belt



**1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.

**2 Heavy Duty Cover**  
Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

**3 Reinforced Tie-Band**  
Highly engineered tie-band permanently bonds or "ties" multiple belts together. This assures smooth operation enabling the belts to function as a single unit, with even load distribution and wear. Vibration is dampened. Heavy shock loads are absorbed. Belt whip and turnover are minimized.

**Recommended Pulleys:**  
Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)

Banded version of Super Power-Wedge V-Belt

Wrapped construction

Minimizes whip and turnover on narrow drives

Smooth transfer of power

Space and weight saver

Design flexibility

Long belt life

Wear resistant

**Applications:**

Pumping units  
Rock crushers  
Stump grinders  
& More

Synchronous Belts

V-Belts

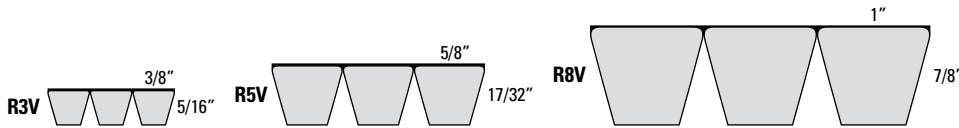
Specialty Belts

Tools

General Information

# Super Power-Wedge® Band

## Banded Belt

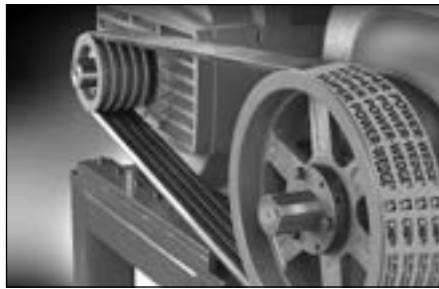


Super Power-Wedge Band is the banded version of the hard-working Super Power-Wedge v-belt. The specially compounded wrapped construction is ideal for clutching operations. Super Power-Wedge Band is oil and heat resistant, staticdissipating, and it won't turn over or jump off the drive.

Two or more Super Power-Wedge belts are permanently joined together at the top with a reinforced tie-band. Banded belts are ideally suited for pulsating or heavily shock loaded drives and drives with long center distances to minimize belt whip and rollover.

Super Power-Wedge Band belts combine the long life and superior performance of the Super Power-Wedge v-belt with the stability of a banded belt. The narrow wedge design saves space and reduces weight.

Banded belts assure that each rib is sharing the load equally to achieve the full horsepower capacity of the drive. The reinforced band across the top greatly enhances stability by minimizing belt whip and turnover.



### Features/Advantages

- Minimizes belt whip and rollover on long center distance drives
- Smooth clutching
- Space and weight saver
- Oversized polyester cord provides added belt strength and stability
- Cord is chemically treated for resistance to belt stretch
- Tie-band is highly engineered to permanently bond multiple belts together enabling the belts to function as a single unit with even load distribution and wear
- Vibration is dampened
- Heavy shock loads are absorbed

For complete part number, add the number of ribs required. For example: R5V670-3

### Super Power-Wedge Band Matching Limits

Matching limits for Super Power-Wedge Bands are shown in the table. If the number is 1, the bands must all have the same "sag" number. If the number is 2, a matched set may consist of any 2 adjacent matching numbers, etc.

Product Type and Length Code	Match Limit
<b>Super Power-Wedge® Band</b>	
R3V335 – R3V630	1
R3V670 – R3V1400	2
R5V500 – R5V630	1
R5V670 – R5V1500	2
R5VX1600 R5V1600 and up	3
R8V1000 - R8V1500	2
R8V1600 and up	3

# Super Power-Wedge® Band Banded Belt

## Super Power-Wedge® Band Part Numbers

Part Number Example:

**R5V670-3** = **R** **5V** **670** - **3**  
Banded Construction    Cross Section    Inside Circumference (inches in tenths: 67.0)    Number of Ribs

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight per Rib (lbs.)
<b>R3V – Banded 3V Section Recommended Pulleys: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b>			
R3V335	34.6	879	0.4
R3V355	36.6	930	0.4
R3V375	38.6	980	0.4
R3V400	41.1	1044	0.5
R3V425	43.6	1107	0.5
R3V450	46.1	1171	0.5
R3V475	48.6	1234	0.6
R3V500	51.1	1298	0.6
R3V530	54.1	1374	0.6
R3V560	57.1	1450	0.7
R3V580	59.1	1501	0.7
R3V600	61.1	1552	0.7
R3V630	64.1	1628	0.7
R3V670	68.1	1730	0.8
R3V700	71.1	1806	1.2
R3V710	72.1	1831	0.8
R3V740	75.1	1908	1.3
R3V750	76.1	1933	0.9
R3V800	81.1	2060	0.9
R3V850	86.1	2187	1.0
R3V900	91.1	2314	1.1
R3V950	96.1	2441	1.1
R3V1000	101.1	2568	1.1
R3V1060	107.1	2720	1.2
R3V1120	113.1	2873	1.3
R3V1180	119.1	3025	1.3
R3V1250	126.1	3203	1.4
R3V1320	133.1	3381	1.5
R3V1400	141.1	3584	1.6

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight per Rib (lbs.)
<b>R5V – Banded 5V Section Recommended Pulleys: Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)</b>			
R5V560	57.1	1450	1.5
R5V600	61.1	1552	1.6
R5V630	64.1	1628	1.7
R5V670	68.1	1730	1.8
R5V670	68.1	1730	9.2
R5V710	72.1	1831	1.9
R5V750	76.1	1933	2.1
R5V800	81.1	2060	2.2
R5V850	86.1	2187	2.3
R5V900	91.1	2314	2.5
R5V950	96.1	2441	2.6
R5V1000	101.1	2568	2.8
R5V1060	107.1	2720	2.9
R5V1120	113.1	2873	3.1
R5V1180	119.1	3025	3.3
R5V1220	123.1	3127	10.4
R5V1250	126.1	3203	3.5
R5V1320	133.1	3381	3.6
R5V1400	141.1	3584	3.9
R5V1500	151.1	3838	4.1
R5V1600	161.1	4092	4.4
R5V1700	171.1	4346	4.7
R5V1800	181.1	4600	5.0
R5V1900	191.1	4854	5.3
R5V2000	201.1	5108	5.5
R5V2120	213.1	5413	5.9
R5V2240	225.1	5718	6.2
R5V2360	237.1	6022	6.5
R5V2480	249.1	6327	17.9
R5V2500	251.1	6378	6.9
R5V2650	266.1	6759	7.3
R5V2800	281.1	7140	7.7
R5V2990	300.3	7628	21.6
R5V3000	301.1	7648	8.3
R5V3150	316.1	8029	8.7
R5V3350	336.1	8537	9.3
R5V3550	356.1	9045	9.8

# Super Power-Wedge® Band

## Banded Belt

### Super Power-Wedge® Band Part Numbers

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight per Rib (lbs.)
<b>R8V – Banded 8V Section Recommended Pulleys: Hi-Cap Wedge – OD, Taper Bushed, or MST (8V)</b>			
R8V1000	101.1	2568	7.1
R8V1060	107.1	2720	7.6
R8V1120	113.1	2873	8.0
R8V1180	119.1	3025	8.4
R8V1250	126.1	3203	9.0
R8V1320	133.1	3381	9.5
R8V1400	141.1	3584	10.0
R8V1500	151.1	3838	10.8
R8V1600	161.1	4092	11.5
R8V1700	171.1	4346	12.2
R8V1800	181.1	4600	12.9
R8V1900	191.1	4854	13.7
R8V2000	201.1	5108	14.4
R8V2120	213.1	5413	15.3
R8V2240	225.1	5718	16.1
R8V2360	237.1	6022	17.0
R8V2500	251.1	6378	18.0
R8V2650	266.1	6759	19.1
R8V2800	281.1	7140	20.2
R8V3000	301.1	7648	21.7
R8V3150	316.1	8029	22.8
R8V3350	336.1	8537	24.2
R8V3550	356.1	9045	25.7
R8V3750	376.1	9553	28.1
R8V4000	401.1	10188	30.0
R8V4250	426.1	10823	31.9
R8V4500	451.1	11458	33.8
R8V4750	476.1	12093	35.7
R8V5000	501.1	12728	37.5
R8V6000	601.1	15268	45.1

Part Number Example:

**R8V1000-3** = **R** **8V** **1000** - **3**  
 Banded Construction    Cross Section    Inside Circumference (inches in tenths: 100.0)    Number of Ribs



For complete part number, add number of ribs required as indicated in example above.