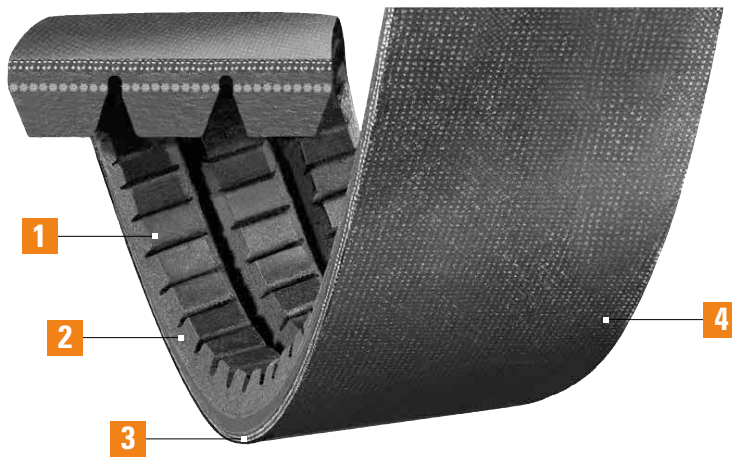


# Gold-Ribbon® Cog-Band® Banded Belt



## 1 Precision Molded Cogs

Superior flexibility with reduced bending stress helps dissipate heat providing significantly longer belt life. Uses smaller pulley diameters. A cost and space saver.

## 2 Raw Edge Sidewalls

Produce a higher coefficient of friction. Keep a tighter grip on the pulley to reduce slippage. Improves performance and efficiency.

## 3 Double Ply Tie-Band

Two-layer 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 eliminated.

## 4 Oil & Heat Resistant

Specially formulated chloroprene rubber compound protects against adverse environmental conditions.

### Recommended Pulleys:

Conventional – OD, Taper Bushed, or MST (A-B, C, D)

Eliminates belt  
whip and turnover

50% longer belt life

Higher horsepower

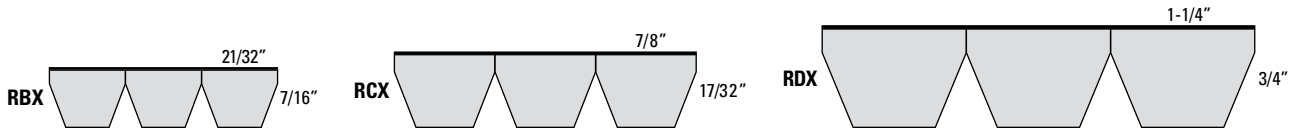
Static dissipating

### Applications:

Blowers  
Fans  
Pumps  
& More

# Gold-Ribbon® Cog-Band®

## Banded Belt



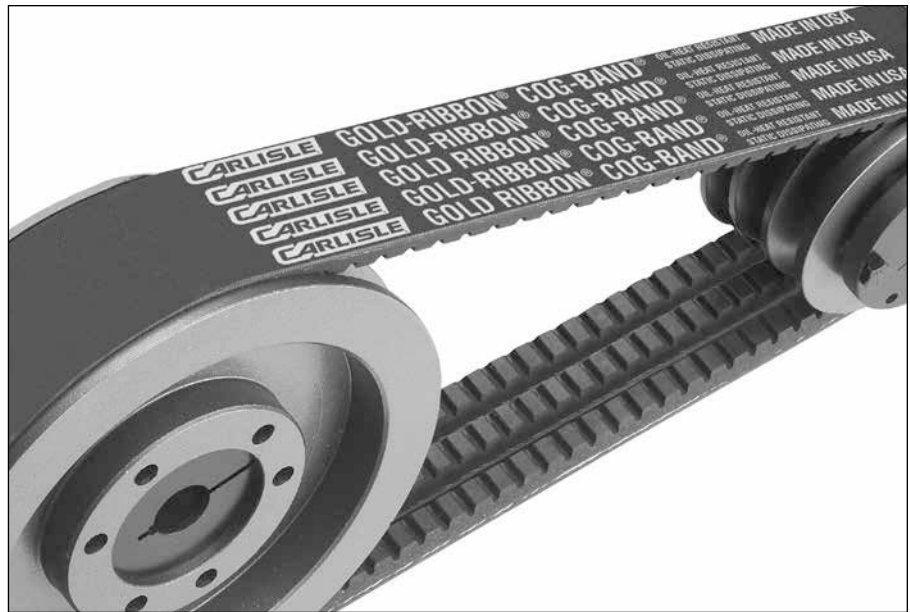
**Prevents belt whip and rollover on long center distance drives.**

This banded version of “The Energy Saver” combines the longer life and superior performance of the Gold-Ribbon® Cog-Belt® with the stability of a banded belt. Gold-Ribbon’s unique construction (combining the superior flexing of precision molded cogs with the tenacious gripping power of raw edge sidewalls) provides significantly longer belt life, higher efficiency and horsepower ratings, and opportunities to save time, energy and space.

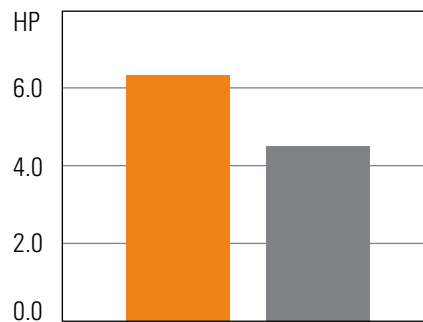
An ideal choice for applications where increased horsepower or speed is required or when unusually severe shock loads are encountered.

The reinforced band across the top of two or more individual v-belts greatly enhances stability by eliminating belt whip and turnover. It prevents the belt from turning over or jumping off the drive.

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



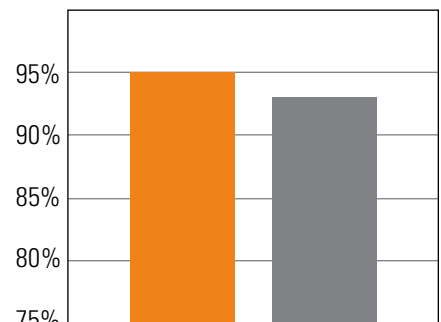
**Horsepower Rating Comparison**



Legend:  
■ Gold-Ribbon Cog-Belt  
■ Conventional Wrapped Belt

1500 RPM  
 1.5:1 Belt Drive Ratio

**Energy Efficiency Comparison**

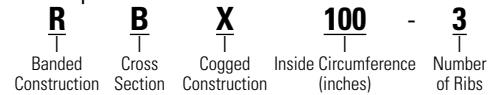


Legend:  
■ Gold-Ribbon Cog-Band  
■ Conventional V-Band

# Gold-Ribbon® Cog-Band® Banded Belt

## Gold-Ribbon® Cog-Band® Banded Belt Part Numbers

Part Number Example: **RBX100-3** =



Part Number	Outside Circumference (in)	Weight Per Rib (lbs)
<b>RBX – Banded BX Section; Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (A-B)</b>		
RBX51	54.9	0.63
RBX53	56.9	0.65
RBX55	58.9	0.68
RBX56	59.9	0.69
RBX58	61.9	0.71
RBX59	62.9	0.72
RBX60	63.9	0.74
RBX61	64.9	0.75
RBX62	65.9	0.76
RBX63	66.9	0.77
RBX64	67.9	0.78
RBX65	68.9	0.80
RBX66	69.9	0.81
RBX67	70.9	0.82
RBX68	71.9	0.83
RBX70	73.9	0.86
RBX71	74.9	0.87
RBX75	78.9	0.92
RBX77	80.9	0.94
RBX78	81.9	0.95
RBX79	82.9	0.97
RBX80	83.9	0.98
RBX81	84.9	0.99
RBX83	86.9	1.02
RBX85	88.9	1.04
RBX90	93.9	1.10
RBX93	96.9	1.14
RBX95	98.9	1.16
RBX97	100.9	1.19
RBX100	103.9	1.22
RBX102	105.9	1.25
RBX103	106.9	1.26
RBX105	108.9	1.28

Part Number	Outside Circumference (in)	Weight Per Rib (lbs)
<b>RBX – Banded BX Section Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (A-B)</b>		
RBX108	111.9	1.32
RBX112	115.9	1.37
RBX116	119.9	1.42
RBX120	123.9	1.46
RBX128	131.9	1.56
RBX136	139.9	1.66
RBX144	147.9	1.76
RBX158	161.9	1.92
RBX173	176.9	2.10
RBX180	183.9	2.18
RBX195	198.9	2.36
<b>RBL – Gold-Ribbon Band® – BL Section Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (A-B)</b>		
RBL210 <sup>†</sup>	214.0	2.92
RBL240 <sup>†</sup>	242.5	3.32
RBL270* <sup>†</sup>	272.5	3.73
<b>RCX – Banded CX Section Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (C)</b>		
RCX68	72.9	1.38
RCX75	79.9	1.51
RCX75	79.9	1.51
RCX78	82.9	1.57
RCX81	85.9	1.63
RCX85	89.9	1.71
RCX90	94.9	1.80
RCX96	100.9	1.92
RCX105	109.9	2.10
RCX112	116.9	2.24
RCX120	124.9	2.40
RCX128	132.9	2.56
RCX131	135.9	2.62
RCX136	140.9	2.71
RCX137	141.9	2.73

Banded Belts

# Gold-Ribbon® Cog-Band®

## Banded Belt

### Gold-Ribbon® Cog-Band® Banded Belt Part Numbers

Part Number Example: **RCX190-3** =

<b>R</b>	<b>C</b>	<b>X</b>	<b>190</b>	-	<b>3</b>
Banded Construction	Cross Section	Cogged Construction	Inside Circumference (inches)		Number of Ribs

Part Number	Outside Circumference (in)	Weight Per Rib (lbs)
<b>RCX – Banded CX Section Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (C)</b>		
RCX144	148.9	2.87
RCX158	162.9	3.15
RCX162	166.9	3.23
RCX173	177.9	3.45
RCX180	184.9	3.59
RCX190	194.9	3.78
RCX195	199.9	3.88
<b>RCL – Gold-Ribbon Band† – CL Section Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (C)</b>		
RCL210†	215.3	4.78
RCL225†	228.3	5.07
RCL240*†	243.3	5.41
RCL255*†	258.3	5.74
RCL270*†	273.3	6.07
RCL300*†	303.3	6.74
RCL330*†	333.3	7.41
<b>RDX – Banded DX Section Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (D)</b>		
RDX120*	124.9	5.80
RDX128*	132.9	6.10
RDX144*	148.9	6.90
RDX158*	162.9	7.50
RDX180*	184.9	8.50
RDX195*	199.9	9.30
<b>RDL – Gold-Ribbon Band† – DL Section Recommended Pulleys: Conventional – QD, Taper Bushed, or MST (D)</b>		
RDL210*†	213.9	8.99
RDL225*†	228.9	9.51
RDL240*†	243.9	10.14
RDL255†	258.9	10.77
RDL270*†	273.9	11.40
RDL300*†	303.9	12.66
RDL330*†	333.9	13.92

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

\* Non-stock item. Minimum order quantity and/or extended lead times may apply. Contact customer service for availability.

† Gold-Ribbon Band uses laminated construction and replaces the Gold-Ribbon Cog-Band in the longer sizes (200" and above) only.

A matched set of Carlisle Gold-Ribbon Bands consists of 3 adjacent SAG numbers.