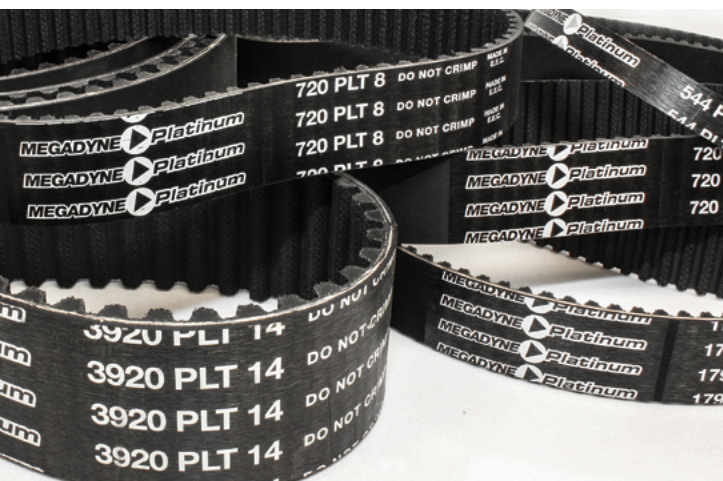
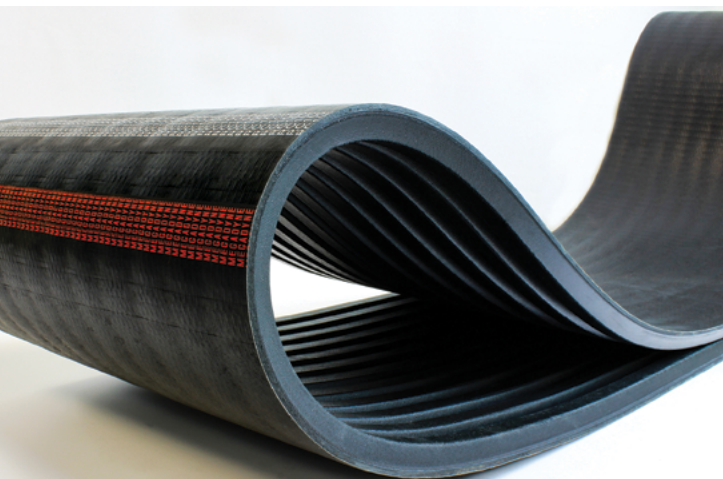


# HVAC-R PRODUCT GUIDE







**MEGADYNE**, headquartered near Mathi Italy, is a global manufacturer of rubber and urethane power transmission, product handling and linear positioning drive belts.

**JASON INDUSTRIAL BY MEGADYNE®** is a member of the Megadyne Group. Megadyne Group companies manufacture, fabricate and supply Power Transmission Belting, Material Handling Hoses and Accessories for a wide range of industries.

This brochure presents Jason Industrial by Megadynes' portfolio of belts and accessories that serve the needs of the HVAC-R markets.

As our customer you can feel confident in the quality and integrity of our products, the speed and efficiency at which they are delivered, along with the expertise and customer focus that we are committed to providing.

Our US Headquarters is located in Fairfield, NJ. Customer Service and our Distribution Center are located just outside of Chicago, IL.

For more information on our products and full product offerings, please visit:

[www.MegadyneGroup.com](http://www.MegadyneGroup.com)  
[www.JasonByMegadyne.com](http://www.JasonByMegadyne.com)



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## INTRODUCTION

# Megadyne UniMatch® V-Belts Your best choice for HVAC drives!

- Better Value
- Better Service
- Better Inventory
- Precision engineered to measure within ARPM matching limits.
- Multi-Plus® - Dual Branded to reduce inventories! Discontinue your 4L & 5L inventory!
- Made to Perform and Priced to compete!

### Multi-Plus® A, B, C, D, E



### Cogged Raw Edge AX, BX, CX



### Fractional Horsepower 3L Section



### Deep Wedge 3V, 5V, 8V



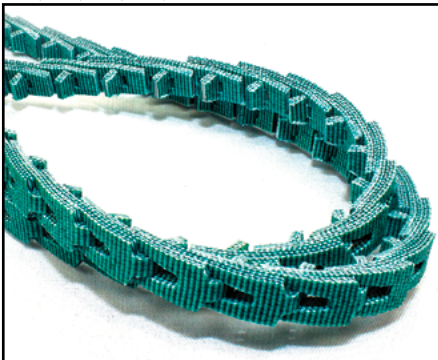
### Cogged Raw Edge Deep Wedge 3VX, 5VX



### Banded Classical RB, RC, RD



### Accu-Link® 3L, A, B, C, CC



### Banded Deep Wedge Cog R3VX, R5VX



### Banded Deep Wedge R3V, R5V, R8V







## Energy Efficient Belt Drives for Air Handling Equipment

Replacing V-belts with Synchronous Belts in Air Handling applications has been recognized by the U.S. Department of Energy as a “best practice” to reduce energy requirements in Industrial and Commercial applications.

### WHY ARE MEGADYNE SYNCHRONOUS BELTS CONSIDERED GREEN?

At the time of installation V-belt drives operate at 95% - 98% efficiency, efficiency ratings drop to approximately 93% over the life of the belt and remain there when properly maintained. Most efficiency losses occur in the first 24 hours of operation, creating the need to re-tension the belt. If V-belt drives are not re-tensioned as part of a preventative maintenance program, they can drop to as low as 80% efficiency during the life of the belt.

Efficiency as applied to air handling equipment is the rate of the motor's energy as transferred to the driven fan. The lower the efficiency rating, the slower the fan speed, which results in lower air movement and longer cycle/run times for the HVAC Equipment - thus increasing electrical consumption.

Once properly tensioned, Megadyne Synchronous Belts maintain a 98% efficiency rating throughout the life of the belt and without the need for costly maintenance.

Electrical savings due to the constant 98% efficiency standard of a synchronous belt are significant in many applications.

What is the annual energy and dollar savings if a 93% efficient V-belt is replaced with a 98% efficient synchronous belt?

A Department of Energy report compares a continuously operating, 100HP, supply-air fan motor at 93% efficiency operating at an average load of 75% while consuming 527,000 kWh annually. Electricity is priced at \$0.05/kWh.

$$\begin{aligned} \text{Energy Savings} &= \text{Annual Energy Use} \times (1 - 93\%/98\%) = \\ &527,000 \text{ kWh/year} \times (1 - 93/98) = 26,888 \text{ kWh/year} \\ \text{Annual Cost Savings} &= 26,888 \text{ kWh} \times \$0.05 = \$1,345 \end{aligned}$$

**NOTE:** Synchronous belts may not be suitable for every drive. Where a v-belt must be used it is also an option to replace wrapped v-belts with raw edge cogged belts for an average 95% efficiency. This is an economical upgrade and additionally allows the use of existing pulleys.



### CONDUCT A SURVEY OF YOUR DRIVES

Contact your Megadyne Distributor to conduct a survey of your belt driven equipment and identify energy savings potential on your drives!



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For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)

## Fractional Horsepower (FHP) 3L Section

Fractional Horsepower (FHP) V-Belts are ideal for HVAC equipment, appliances, outdoor power equipment, lawn & garden, and various industrial applications. Generally, 3L FHP belts are used individually on drives of 1 horsepower or less.

### PART NOMENCLATURE

## 3L130

- 3** = top width in eighths of an inch = 3/8"  
**L** = Light Duty (FHP)  
**130** = outside length in tenths of an inch = 13.0"

### Features & Benefits

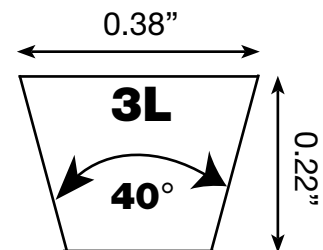
- Oil & Heat Resistant** Durability in tough environments
- Flexibility** Ideal for use with backside idlers
- Static Dissipating** Safe operation in potentially dangerous atmosphere

### Construction

- Compound** Natural rubber/SBR
- Cord** Polyester
- Cover** Cotton/polyester blend

### Technical Info

- Applications** Extraction fans, ventilation fans, general HVAC equipment -
- Engineering Standards** Conforms to ARPM standard IP-23
- Temperature Range** -22°F/+176°F (-30°C/+80°C)
- Recommended Pulleys** Use pulleys made to ARPM standards
- Note** Effective length is approximately equal to outside length



### 3L - AVAILABLE SIZES

Additional lengths may be available - contact Megadyne for sizes not listed

Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
3L130	13.0	0.04	3L290	29.0	0.10	3L450	45.0	0.15	3L610	61.0	0.20
3L140	14.0	0.04	3L300	30.0	0.10	3L460	46.0	0.15	3L620	62.0	0.20
3L150	15.0	0.04	3L310	31.0	0.11	3L470	47.0	0.16	3L630	63.0	0.20
3L160	16.0	0.04	3L315	31.5	0.11	3L475	47.5	0.16	3L640	64.0	0.21
3L170	17.0	0.06	3L320	32.0	0.11	3L480	48.0	0.16	3L650	65.0	0.21
3L180	18.0	0.06	3L330	33.0	0.11	3L490	49.0	0.16	3L660	66.0	0.21
3L190	19.0	0.06	3L340	34.0	0.11	3L500	50.0	0.17	3L670	67.0	0.22
3L200	20.0	0.07	3L350	35.0	0.12	3L510	51.0	0.17	3L680	68.0	0.22
3L210	21.0	0.07	3L360	36.0	0.12	3L520	52.0	0.17	3L690	69.0	0.22
3L220	22.0	0.07	3L370	37.0	0.12	3L530	53.0	0.18	3L700	70.0	0.22
3L230	23.0	0.08	3L380	38.0	0.13	3L540	54.0	0.18	3L710	71.0	0.22
3L240	24.0	0.08	3L390	39.0	0.13	3L550	55.0	0.19	3L720	72.0	0.23
3L250	25.0	0.08	3L400	40.0	0.13	3L560	56.0	0.19	3L730	73.0	0.23
3L260	26.0	0.09	3L410	41.0	0.14	3L570	57.0	0.19	3L740	74.0	0.23
3L270	27.0	0.09	3L420	42.0	0.14	3L580	58.0	0.20	3L750	75.0	0.24
3L280	28.0	0.09	3L430	43.0	0.15	3L590	59.0	0.20	3L760	76.0	0.24
3L285	28.5	0.09	3L440	44.0	0.15	3L600	60.0	0.20	-	-	-

All items subject to minimum order requirements.





## UniMatch® Classical Multi-Plus® A, B, C, D, E

Multi-Plus V-Belts are designed to perform in tandem in multiple V-Belt drives, maintaining drive efficiency and belt performance. Multi-Plus V-Belts are always matched, easy to install and maintain. Multi-Plus V-Belts come in a complete range of sizes, are anti-static and offer oil and heat resistance meeting ARPM requirements.

**Dual Branding** – A and B section belts up to 100" are Dual Branded clearly identifying both ARPM classical and fractional horsepower (FHP) sizes allowing consolidation of your classical and FHP inventory into one belt line – saving you money! No need to carry two separate product lines. The dual part number system is more than just labeling, too. FHP & Classical belts have the same top width dimension but classical profile is deeper, allowing more belt/pulley contact and reducing sheave wear.

**Dual Branding Examples:** A40 (4L420) --- B78 (5L810)



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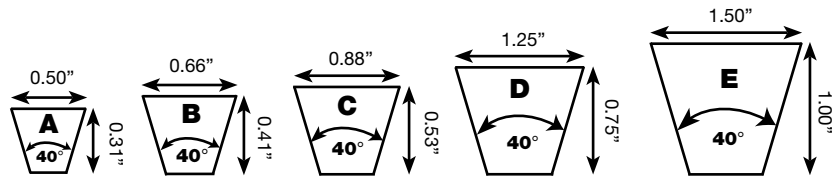


### PART NOMENCLATURE

## A15

**A** = 0.50" width x 0.31" thickness

**15** = Inside length 15.0"



### Features & Benefits

**UniMatch Construction:** Consistent performance in multiple V-Belt drives - ensures all belts will measure within ARPM matching standards

**Dual Branding:** A & B sections dual-branded with classical and FHP part numbers - reduces inventory by allowing you to discontinue 4L and 5L

**Oil & Heat Resistant:** Durability in tough environments

### Construction

**Compound:** Natural rubber/SBR  
**Cord:** Polyester  
**Cover:** Cotton/polyester blend

### Technical Info

**Applications** Extraction fans, exhaust fans, general HVAC Equipment  
**Engineering Standards** Conforms to ARPM standard IP-20  
**Temperature Range** -22°F/+176° (-300C/+800C)  
**Recommended Pulleys** Use pulleys made to ARPM standards

All items subject to minimum order requirements.

# Classical Multi-Plus® - A, B

## AVAILABLE SIZES

Additional Lengths may be available. Contact Megadyne for sizes not listed.

A		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
4L160	16.0	0.10
A15 (4L170)	17.0	0.10
A16 (4L180)	18.0	0.10
A17 (4L190)	19.0	0.10
A18 (4L200)	20.0	0.10
A19 (4L210)	21.0	0.10
A20 (4L220)	22.0	0.10
A21 (4L230)	23.0	0.10
A22 (4L240)	24.0	0.15
A23 (4L250)	25.0	0.20
A24 (4L260)	26.0	0.20
A25 (4L270)	27.0	0.20
A26 (4L280)	28.0	0.20
A27 (4L290)	29.0	0.20
A28 (4L300)	30.0	0.20
A29 (4L310)	31.0	0.20
A30 (4L320)	32.0	0.20
A31 (4L340)	33.0	0.20
A32 (4L340)	34.0	0.20
A33 (4L350)	35.0	0.20
A34 (4L360)	36.0	0.20
A35 (4L370)	37.0	0.20
A36 (4L380)	38.0	0.20
A37 (4L390)	39.0	0.20
A38 (4L400)	40.0	0.20
A39 (4L410)	41.0	0.20
A40 (4L420)	42.0	0.20
A41 (4L430)	43.0	0.20
A42 (4L440)	44.0	0.20
A43 (4L450)	45.0	0.30
A44 (4L460)	46.0	0.30
A45 (4L470)	47.0	0.30
A46 (4L480)	48.0	0.30
A47 (4L490)	49.0	0.30
A48 (4L500)	50.0	0.30
A49 (4L510)	51.0	0.30
A50 (4L520)	52.0	0.30
A51 (4L530)	53.0	0.30
A52 (4L540)	54.0	0.30

A		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
A53 (4L550)	55.0	0.30
A54 (4L560)	56.0	0.30
A55 (4L570)	57.0	0.30
A56 (4L580)	58.0	0.30
A57 (4L590)	59.0	0.30
A58 (4L600)	60.0	0.30
A59 (4L610)	61.0	0.30
A60 (4L620)	62.0	0.30
A61 (4L630)	63.0	0.30
A62 (4L640)	64.0	0.30
A63 (4L650)	65.0	0.30
A64 (4L660)	66.0	0.30
A65 (4L670)	67.0	0.30
A66 (4L680)	68.0	0.40
A67 (4L690)	69.0	0.40
A68 (4L700)	70.0	0.40
A69 (4L710)	71.0	0.40
A70 (4L720)	72.0	0.40
A71 (4L730)	73.0	0.40
A72 (4L740)	74.0	0.40
A73 (4L750)	75.0	0.40
A74 (4L760)	76.0	0.40
A75 (4L770)	77.0	0.40
A76 (4L780)	78.0	0.40
A77 (4L790)	79.0	0.40
A78 (4L800)	80.0	0.40
A79 (4L810)	81.0	0.40
A80 (4L820)	82.0	0.40
A81 (4L830)	83.0	0.40
A82 (4L840)	84.0	0.40
A83 (4L850)	85.0	0.40
A84 (4L860)	86.0	0.40
A85 (4L870)	87.0	0.40
A86 (4L880)	88.0	0.40
A87 (4L890)	89.0	0.40
A88 (4L900)	90.0	0.40
A89 (4L910)	91.0	0.40
A90 (4L920)	92.0	0.40
A91 (4L930)	93.0	0.50

A		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
A92 (4L940)	94.0	0.50
A93 (4L950)	95.0	0.50
A94 (4L960)	96.0	0.50
A95 (4L970)	97.0	0.50
A96 (4L980)	98.0	0.50
A97 (4L990)	99.0	0.50
A98 (4L 1000)	100.0	0.50
A99	101.0	0.50
A100	102.0	0.50
A101	103.0	0.50
A103	105.0	0.50
A104	106.0	0.50
A105	107.0	0.50
A106	108.0	0.55
A107	109.0	0.57
A108	110.0	0.60
A109	111.0	0.65
A110	112.0	0.70
A111	113.0	0.75
A112	114.0	0.80
A113	115.0	0.80
A114	116.0	0.80
A115	117.0	0.80
A116	118.0	0.80
A118	120.0	0.80
A119	121.0	0.80
A120	122.0	0.80
A124	126.0	0.80
A128	130.0	0.80
A130	132.0	0.80
A133	135.0	0.80
A134	136.0	0.80
A135	137.0	0.90
A136	138.0	0.90
A137	139.0	0.90
A140	142.0	0.95
A144	146.0	1.00
A157	159.0	1.10
A158	160.0	1.10

A		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
A162	164.0	1.10
A173	175.0	1.15
A180	182.0	1.15
A196	198.0	1.31
A197	199.0	1.31
A210	212.0	1.35
A221	223.0	1.40
A256	258.0	1.70
A258	260.0	1.75
B		
5L220	22.0	0.40
5L230	23.0	0.40
B20	23.0	0.40
B21 (5L240)	24.0	0.40
B22 (5L250)	25.0	0.40
B23 (5L260)	26.0	0.40
B24 (5L270)	27.0	0.40
B25 (5L280)	28.0	0.40
B26 (5L290)	29.0	0.40
B27 (5L300)	30.0	0.40
B28 (5L310)	31.0	0.40
B29 (5L320)	32.0	0.40
B30 (5L330)	33.0	0.40
B31 (5L340)	34.0	0.40
B32 (5L350)	35.0	0.40
B33 (5L360)	36.0	0.40
B34 (5L370)	37.0	0.40
B35 (5L380)	38.0	0.40
B36 (5L390)	39.0	0.40
B37 (5L400)	40.0	0.40
B38 (5L410)	41.0	0.40
B39 (5L420)	42.0	0.40
B40 (5L430)	43.0	0.40
B41 (5L440)	44.0	0.40
B42 (5L450)	45.0	0.40
B43 (5L460)	46.0	0.40
B44 (5L470)	47.0	0.40
B45 (5L480)	48.0	0.40
B46 (5L490)	49.0	0.50



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**Classical Multi-Plus® - B (continued)****AVAILABLE SIZES**

Additional Lengths may be available. Contact Megadyne for sizes not listed.

<b>B</b>			<b>B</b>			<b>B</b>			<b>B</b>		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
B47 (5L500)	50.0	0.50	B86 (5L890)	89.0	0.80	B128	131.0	1.30	B205	208.0	2.00
B48 (5L510)	51.0	0.50	B87 (5L900)	90.0	0.80	B130	133.0	1.30	B210	213.0	2.00
B49 (5L520)	52.0	0.50	B88 (5L910)	91.0	0.80	B131	134.0	1.30	B215	217.0	2.10
B50 (5L530)	53.0	0.50	B89 (5L920)	92.0	0.80	B132	135.0	1.30	B221	223.0	2.25
B51 (5L540)	54.0	0.50	B90 (5L930)	93.0	0.90	B133	136.0	1.30	B223	225.0	2.25
B52 (5L550)	55.0	0.50	B91 (5L940)	94.0	0.90	B134	137.0	1.30	B224	226.0	2.30
B53 (5L560)	56.0	0.50	B92 (5L950)	95.0	0.90	B135	138.0	1.30	B225	227.0	2.30
B54 (5L570)	57.0	0.50	B93 (5L960)	96.0	0.90	B136	139.0	1.30	B228	230.0	2.30
B55 (5L580)	58.0	0.60	B94 (5L970)	97.0	0.90	B138	141.0	1.30	B229	231.0	2.30
B56 (5L590)	59.0	0.60	B95 (5L980)	98.0	0.90	B140	143.0	1.30	B234	236.0	2.30
B57 (5L600)	60.0	0.60	B96 (5L990)	99.0	0.90	B141	144.0	1.30	B237	239.0	2.30
B58 (5L610)	61.0	0.60	B97 (5L1000)	100.0	0.90	B142	145.0	1.30	B240	242.0	2.30
B59 (5L620)	62.0	0.60	B98 (5L1010)	101.0	0.90	B144	147.0	1.40	B248	250.0	2.30
B60 (5L630)	63.0	0.60	B99 (5L1020)	102.0	1.00	B147	150.0	1.40	B253	255.0	2.30
B61 (5L640)	64.0	0.70	B100	103.0	1.00	B148	151.0	1.40	B255	257.0	2.30
B62 (5L650)	65.0	0.70	B101	104.0	1.00	B150	153.0	1.50	B259	261.0	2.30
B63 (5L660)	66.0	0.70	B102	105.0	1.00	B152	155.0	1.50	B265	267.0	2.30
B64 (5L670)	67.0	0.70	B103	106.0	1.00	B153	155.0	1.50	B270	272.0	2.30
B65 (5L680)	68.0	0.70	B104	107.0	1.00	B154	157.0	1.50	B276	278.0	2.70
B66 (5L690)	69.0	0.70	B105	108.0	1.00	B156	159.0	1.50	B285	287.0	2.70
B67 (5L700)	70.0	0.70	B106	109.0	1.00	B157	160.0	1.50	B292	294.0	2.70
B68 (5L710)	71.0	0.70	B107	110.0	1.00	B158	161.0	1.50	B293	295.0	2.70
B69 (5L720)	72.0	0.70	B108	111.0	1.00	B162	165.0	1.50	B300	302.0	2.70
B70 (5L730)	73.0	0.70	B109	112.0	1.00	B163	166.0	1.50	B315	317.0	2.90
B71 (5L740)	74.0	0.70	B110	113.0	1.10	B165	168.0	1.50	B330	332.0	2.90
B72 (5L750)	75.0	0.70	B111	114.0	1.10	B168	171.0	1.50	B333	335.0	2.90
B73 (5L760)	76.0	0.70	B112	115.0	1.10	B170	173.0	1.50	B345	347.0	3.00
B74 (5L770)	77.0	0.70	B113	116.0	1.15	B173	176.0	1.50	B360	362.0	3.20
B75 (5L780)	78.0	0.70	B114	117.0	1.20	B175	178.0	1.50	B394	396.0	4.00
B76 (5L790)	79.0	0.70	B115	118.0	1.20	B177	180.0	1.50	B433	435.0	4.20
B77 (5L800)	80.0	0.80	B116	119.0	1.20	B180	183.0	1.50	B472	474.0	4.60
B78 (5L810)	81.0	0.80	B118	121.0	1.20	B182	185.0	1.50			
B79 (5L820)	82.0	0.80	B120	123.0	1.20	B184	187.0	1.50			
B80 (5L830)	83.0	0.80	B122	125.0	1.20	B188	191.0	1.80			
B81 (5L840)	84.0	0.80	B123	126.0	1.20	B190	193.0	1.90			
B82 (5L850)	85.0	0.80	B124	127.0	1.20	B192	195.0	2.00			
B83 (5L860)	86.0	0.80	B125	128.0	1.20	B195	198.0	2.00			
B84 (5L870)	87.0	0.80	B126	129.0	1.20	B197	200.0	2.00			
B85 (5L880)	88.0	0.80	B127	130.0	1.20	B204	207.0	2.00			



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# Classical Multi-Plus® - C

## AVAILABLE SIZES

Additional Lengths may be available. Contact Megadyne for sizes not listed.

C		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
C41	45.0	0.80
C43	47.0	0.80
C45	49.0	0.80
C46	40.0	0.80
C47	51.0	0.80
C48	52.0	0.90
C50	54.0	0.90
C51	55.0	0.90
C52	56.0	0.90
C53	57.0	0.90
C54	58.0	0.90
C55	59.0	1.00
C56	60.0	1.02
C57	61.0	1.04
C58	62.0	1.06
C59	63.0	1.08
C60	64.0	1.10
C62	66.0	1.10
C63	67.0	1.10
C64	68.0	1.10
C65	69.0	1.10
C66	70.0	1.10
C67	71.0	1.10
C68	72.0	1.10
C69	73.0	1.15
C70	74.0	1.20
C72	76.0	1.20
C73	77.0	1.20
C75	79.0	1.20
C78	82.0	1.20
C79	83.0	1.20
C80	84.0	1.20
C81	85.0	1.30
C83	87.0	1.30
C85	89.0	1.40
C86	90.0	1.40
C87	91.0	1.40
C88	92.0	1.40
C90	94.0	1.40

C		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
C92	96.0	1.40
C93	97.0	1.40
C94	98.0	1.50
C96	100.0	1.50
C97	101.0	1.80
C98	102.0	1.80
C99	103.0	1.80
C100	104.0	1.90
C101	105.0	1.90
C102	106.0	1.90
C103	107.0	1.90
C104	108.0	1.90
C105	109.0	1.90
C106	110.0	1.90
C108	112.0	1.90
C109	113.0	1.90
C110	114.0	1.90
C112	116.0	2.00
C115	119.0	2.00
C116	120.0	2.00
C118	122.0	2.10
C120	124.0	2.20
C124	128.0	2.25
C126	130.0	2.30
C128	132.0	2.40
C130	134.0	2.40
C132	136.0	2.40
C134	138.0	2.40
C136	140.0	2.40
C138	142.0	2.40
C140	144.0	2.40
C141	145.0	2.40
C142	146.0	2.40
C143	147.0	2.40
C144	148.0	2.40
C148	152.0	2.60
C150	154.0	2.60
C152	156.0	2.60
C153	157.0	2.60

C		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
C154	158.0	2.70
C155	159.0	2.70
C156	160.0	2.70
C158	162.0	2.70
C159	163.0	2.70
C160	164.0	2.70
C162	166.0	2.70
C166	170.0	2.70
C168	172.0	2.70
C172	176.0	3.00
C173	177.0	3.00
C175	179.0	3.00
C177	181.0	3.10
C180	184.0	3.20
C185	189.0	3.20
C188	192.0	3.20
C190	194.0	3.20
C195	199.0	3.40
C200	204.0	3.50
C202	206.0	3.60
C204	208.0	3.60
C207	211.0	3.65
C208	212.0	3.65
C210	214.0	3.70
C220	222.0	3.70
C225	227.0	4.40
C228	230.0	4.40
C238	240.0	4.80
C240	242.0	4.80
C245	247.0	5.00
C246	248.0	5.00
C248	250.0	5.00
C255	257.0	5.00
C270	272.0	5.40
C276	278.0	5.40
C280	282.0	5.50
C285	287.0	5.60
C297	299.0	5.60
C300	302.0	5.60

C		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
C303	305.0	5.60
C314	316.0	5.60
C315	317.0	5.60
C330	332.0	5.70
C345	347.0	6.60
C360	362.0	7.00
C390	392.0	7.40
C420	422.0	7.80
C480	482.0	7.90



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For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)

All items subject to minimum order requirements.



# Classical Multi-Plus® - D, E

## AVAILABLE SIZES

Additional Lengths may be available. Contact Megadyne for sizes not listed.

D		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
D90	95.0	3.40
D105	110.0	4.00
D115	120.0	4.30
D120	125.0	4.50
D128	133.0	4.80
D132	137.0	5.00
D136	141.0	5.20
D144	149.0	5.40
D158	163.0	6.00
D162	167.0	6.10
D171	176.0	6.40
D173	178.0	6.50
D180	185.0	6.80
D195	200.0	7.30
D205	210.0	7.90
D210	215.0	8.40
D225	228.0	8.40
D240	243.0	9.00
D248	251.0	9.00

D		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
D255	258.0	9.50
D270	273.0	10.00
D285	288.0	10.70
D300	303.0	11.20
D315	318.0	11.80
D330	33.0	12.40
D345	348.0	12.60
D355	358.0	13.00
D360	363.0	13.50
D390	393.0	14.60
D394	397.0	14.80
D420	423.0	15.80
D441	444.0	16.50
D450	453.0	16.95
D480	483.0	18.10
D540	543.0	20.20
D600	603.0	22.40
D660	663.0	24.80

E		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
E144	150.0	9.30
E180	186.0	9.30
E195	201.0	10.00
E210	216.0	12.00
E225	231.0	13.00
E240	246.0	13.50
E270	276.0	15.30
E300	306.0	17.00
E310	316.0	17.60
E330	336.0	18.80
E360	366.0	20.40
E390	396.0	22.10
E420	426.0	23.80
E441	447.0	25.00
E460	466.0	26.00
E480	486.0	28.00



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All items subject to minimum order requirements.



## UniMatch® Cogged Raw Edge Classical V-Belts - AX, BX, CX Oil & Heat Resistant/Static Dissipating

Megadyne V-belts in raw edge, cogged construction are ideally suited to high-speed compact drives. These belts all have the UniMatch feature ensuring belts of matched length when used on drives requiring the use of multiple, or a set of belts.

Cogged Raw Edge V-belts are designated by a letter indicating belt section, followed by "X" which signifies cogged, raw edge construction that has greater power capacity than standard wrapped construction.

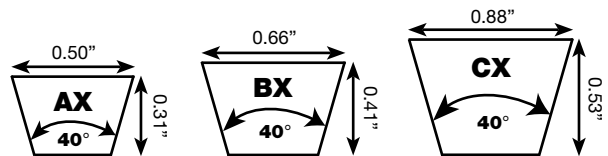


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### PART NOMENCLATURE

## AX22

- A** = 0.5" Width x 0.31" Thickness
- X** = Raw edge sidewalls, cogged construction
- 22** = ARPM Standard length designation



### Features & Benefits

- Raw Edge Sidewalls** Eliminates slippage and increases efficiency versus wrapped V-belts and saves energy
- UniMatch Construction** Consistent performance in multiple V-belt drives and ensures all belts of the same size measure within ARPM matching limits
- Oil & Heat Resistant** Better than standard belts in oily environments (occasional splash) and higher ambient temperatures

### Construction

- Compound** Chloroprene
- Cord** Polyester
- Top Fabric** Cotton/polyester blend

### Technical Info

- Applications** HVAC Equipment where limited slippage is desired. Extraction fans, ventilation fans, general HVAC equipment.
- Engineering Standards** Conforms to ARPM standard IP-20
- Temperature Range** -22°F/+194°F (-30°C/+90°C)
- Recommended Pulleys** Use pulleys made to ARPM standards

All items subject to minimum order requirements.



# UniMatch® Cogged Raw Edge Classical AX, BX, CX

## AVAILABLE SIZES

Additional Lengths may be available. Contact Megadyne for sizes not listed.

AX		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
AX22	24.0	0.17
AX23	25.0	0.17
AX24	26.0	0.17
AX25	27.0	0.18
AX26	28.0	0.18
AX27	29.0	0.18
AX28	30.0	0.19
AX29	31.0	0.20
AX30	32.0	0.20
AX31	33.0	0.21
AX32	34.0	0.21
AX33	35.0	0.22
AX34	36.0	0.23
AX35	37.0	0.24
AX36	38.0	0.24
AX37	39.0	0.25
AX38	40.0	0.26
AX39	41.0	0.26
AX40	42.0	0.26
AX41	43.0	0.27
AX42	44.0	0.28
AX43	45.0	0.29
AX44	46.0	0.30
AX45	47.0	0.31
AX46	48.0	0.31
AX47	49.0	0.31
AX48	50.0	0.32
AX49	51.0	0.33
AX50	52.0	0.33
AX51	53.0	0.34
AX52	54.0	0.35
AX53	55.0	0.35
AX54	56.0	0.36
AX55	57.0	0.36
AX56	58.0	0.37
AX57	59.0	0.37
AX58	60.0	0.38
AX59	61.0	0.40
AX60	62.0	0.40
AX61	63.0	0.40
AX62	64.0	0.41
AX63	65.0	0.41
AX64	66.0	0.42
AX65	67.0	0.43
AX66	68.0	0.43
AX67	69.0	0.44
AX68	70.0	0.45
AX69	71.0	0.46
AX70	72.0	0.46
AX71	73.0	0.47
AX72	74.0	0.48
AX73	75.0	0.48
AX75	77.0	0.49
AX76	78.0	0.50
AX78	80.0	0.51
AX80	82.0	0.52

AX/BX		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
AX80	82.0	0.52
AX84	86.0	0.54
AX85	87.0	0.55
AX86	88.0	0.56
AX90	92.0	0.59
AX92	94.0	0.61
AX96	98.0	0.62
AX105	107.0	0.68
AX108	108.0	0.70
AX110	112.0	0.71
AX112	114.0	0.73
AX120	122.0	0.74
AX128	130.0	0.78
AX136	138.0	0.82
BX		
BX30	33.0	0.38
BX31	34.0	0.39
BX32	35.0	0.39
BX33	36.0	0.39
BX34	37.0	0.39
BX35	38.0	0.40
BX36	39.0	0.42
BX37	40.0	0.43
BX38	41.0	0.43
BX39	42.0	0.45
BX40	43.0	0.46
BX41	44.0	0.47
BX42	45.0	0.48
BX43	46.0	0.49
BX44	47.0	0.50
BX45	48.0	0.51
BX46	49.0	0.52
BX47	50.0	0.53
BX48	51.0	0.54
BX49	52.0	0.55
BX50	53.0	0.56
BX51	54.0	0.57
BX52	55.0	0.58
BX53	56.0	0.59
BX54	57.0	0.60
BX55	58.0	0.61
BX56	59.0	0.62
BX57	60.0	0.63
BX58	61.0	0.64
BX59	62.0	0.65
BX60	63.0	0.66
BX61	64.0	0.67
BX62	65.0	0.68
BX63	66.0	0.69
BX64	67.0	0.70
BX65	68.0	0.71
BX66	69.0	0.72
BX67	70.0	0.73
BX68	71.0	0.74
BX69	72.0	0.75
BX70	73.0	0.76

BX		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
BX71	74.0	0.78
BX72	75.0	0.79
BX73	76.0	0.80
BX74	77.0	0.81
BX75	78.0	0.82
BX76	79.0	0.83
BX77	80.0	0.85
BX78	81.0	0.86
BX79	82.0	0.87
BX80	83.0	0.88
BX81	84.0	0.89
BX82	85.0	0.90
BX83	86.0	0.91
BX84	87.0	0.92
BX85	88.0	0.93
BX86	89.0	0.93
BX87	90.0	0.93
BX88	91.0	0.95
BX89	92.0	0.96
BX90	93.0	0.98
BX91	94.0	0.99
BX92	95.0	1.00
BX93	96.0	1.01
BX94	97.0	1.02
BX95	98.0	1.03
BX96	99.0	1.05
BX97	100.0	1.06
BX98	101.0	1.07
BX99	102.0	1.08
BX100	103.0	1.09
BX103	106.0	1.12
BX105	108.0	1.14
BX108	111.0	1.17
BX112	115.0	1.22
BX113	116.0	1.22
BX115	118.0	1.25
BX116	119.0	1.26
BX120	123.0	1.30
BX124	127.0	1.30
BX128	131.0	1.30
BX133	136.0	1.34
BX136	139.0	1.37
BX140	143.0	1.40
BX144	147.0	1.45
BX150	153.0	1.51
BX158	161.0	1.59
BX162	165.0	1.63
BX173	176.0	1.74
BX180	183.0	1.81
BX195	198.0	1.96
BX210	213.0	2.10
BX225	227.0	2.30
BX240	242.0	2.36
BX255	257.0	2.50
BX270	272.0	2.64

CX		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
CX51	55.0	1.07
CX60	64.0	1.24
CX68	72.0	1.39
CX71	75.0	1.45
CX73	77.0	1.49
CX74	78.0	1.51
CX75	79.0	1.53
CX76	80.0	1.55
CX77	81.0	1.57
CX78	82.0	1.59
CX79	83.0	1.61
CX80	84.0	1.63
CX81	85.0	1.64
CX82	86.0	1.67
CX83	87.0	1.69
CX84	88.0	1.71
CX85	89.0	1.72
CX86	90.0	1.75
CX87	91.0	1.79
CX88	92.0	1.79
CX89	93.0	1.81
CX90	94.0	1.81
CX96	100.0	1.93
CX105	109.0	2.10
CX109	113.0	2.18
CX112	116.0	2.24
CX115	119.0	2.29
CX120	124.0	2.39
CX123	127.0	2.40
CX128	132.0	2.42
CX133	137.0	2.47
CX136	140.0	2.49
CX144	148.0	2.63
CX150	154.0	2.75
CX158	162.0	2.90
CX162	166.0	2.95
CX173	177.0	3.15
CX180	184.0	3.27
CX187	191.0	3.40
CX190	194.0	3.46
CX195	199.0	3.55
CX210	214.0	3.77
CX240	243.0	4.30
CX255	258.0	4.58
CX270	273.0	4.85



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### **UniMatch®** **Deep Wedge - 3V, 5V, 8V** **Oil & Heat Resistant/Static Dissipating**

A narrower, deeper, cross section than classical V-belts with more efficient load carrying characteristics and higher power capability, allowing for smaller, more compact drives. These belts feature UniMatch construction, which eliminates the need for belt set matching.

Deep Wedge V-belts are identified by a number and letter specifying the belt section and a number giving the outside length in inches multiplied by 10 - **Example: 3V250**.



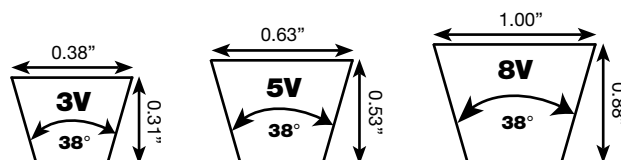
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#### **PART NOMENCLATURE**

## **3V250**

**3V** = 0.38" width x 0.31" thickness

**250** = Outside length in tenths of an inch = 25.0"



#### **Features & Benefits**

<b>High Power Capability</b>	Higher power with a more compact drive
<b>UniMatch® Construction</b>	Consistent performance in multiple V-belt drives and ensures all belts of the same size measure within ARPM matching limits
<b>Oil &amp; Heat Resistant</b>	Standard construction belts that deliver excellent performance

#### **Construction**

<b>Compound</b>	Natural Rubber/SBR
<b>Cord</b>	Polyester
<b>Cover</b>	Cotton/polyester blend

#### **Technical Info**

<b>Applications</b>	HVAC equipment where high power transmission is required. Extraction fans, ventilation fans, general HVAC equipment
<b>Engineering Standards</b>	Conforms to ARPM standard IP-22
<b>Temperature Range</b>	-22°F/+176°F (-30°C/+80°C)
<b>Recommended Pulleys</b>	Use pulleys made to ARPM standards

All items subject to minimum order requirements.

# UniMatch®

## Deep Wedge - 3V, 5V, 8V

### AVAILABLE SIZES

Additional Lengths may be available. Contact Megadyne for sizes not listed.

3V		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
3V250	25.0	0.10
3V265	26.5	0.10
3V280	28.0	0.10
3V300	30.0	0.10
3V315	31.5	0.10
3V335	33.5	0.20
3V355	35.5	0.20
3V375	37.5	0.20
3V400	40.0	0.20
3V425	42.5	0.20
3V450	45.0	0.20
3V475	47.5	0.20
3V500	50.0	0.20
3V530	53.0	0.30
3V560	56.0	0.30
3V600	60.0	0.30
3V630	63.0	0.30
3V650	65.0	0.30
3V670	67.0	0.30
3V710	71.0	0.30
3V730	73.0	0.30
3V750	75.0	0.30
3V800	80.0	0.30
3V830	83.0	0.35
3V850	85.0	0.40
3V900	90.0	0.40
3V950	95.0	0.40
3V1000	100.0	0.40
3V1060	106.0	0.40
3V1120	112.0	0.50
3V1180	118.0	0.50
3V1250	125.0	0.60
3V1320	132.0	0.60
3V1400	140.0	0.70

5V		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
5V500	50.0	0.60
5V530	53.0	0.70
5V560	56.0	0.70
5V600	60.0	0.70
5V630	63.0	0.70
5V670	67.0	0.80
5V710	71.0	0.80
5V750	75.0	0.80
5V800	80.0	0.90
5V850	85.0	0.90
5V900	90.0	0.90
5V950	95.0	0.90
5V1000	100.0	1.10
5V1060	106.0	1.10
5V1120	112.0	1.20
5V1180	118.0	1.30
5V1250	125.0	1.30
5V1320	132.0	1.40
5V1400	140.0	1.50
5V1500	150.0	1.60
5V1600	160.0	1.70
5V1630	163.0	1.80
5V1700	170.0	1.90
5V1800	180.0	2.20
5V1900	190.0	2.20
5V2000	200.0	2.20
5V2120	212.0	2.40
5V2240	224.0	2.70
5V2360	236.0	2.80
5V2500	250.0	3.00
5V2650	265.0	3.10
5V2800	280.0	3.30
5V3000	300.0	3.50
5V3150	315.0	3.80
5V3350	335.0	3.90
5V3550	355.0	4.00

8V		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
8V1000	100.0	3.50
8V1060	106.0	3.70
8V1120	112.0	3.90
8V1180	118.0	4.20
8V1250	125.0	4.40
8V1320	132.0	4.70
8V1400	140.0	4.90
8V1500	150.0	5.20
8V1600	160.0	5.60
8V1700	170.0	5.90
8V1800	180.0	6.30
8V1900	190.0	6.70
8V2000	200.0	7.00
8V2120	212.0	7.50
8V2240	224.0	7.90
8V2360	236.0	8.30
8V2500	250.0	8.80
8V2550	255.0	9.00
8V2650	265.0	9.30
8V2800	280.0	9.80
8V3000	300.0	10.50
8V3150	315.0	11.10
8V3300	330.0	11.60
8V3350	335.0	11.80
8V3550	355.0	12.50
8V3600	360.0	12.90
8V3750	375.0	13.30
8V4000	400.0	14.00
8V4250	425.0	14.90
8V4500	450.0	15.80
8V4750	475.0	16.40
8V5000	500.0	17.20
8V5600	560.0	19.00



**WARNING:** This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)





## UniMatch® Cogged Raw Edge Deep Wedge 3VX, 5VX Oil & Heat Resistant/Static Dissipating

UniMatch Cogged Raw Edge construction further increases the effective power transmission of Deep Wedge V-belts. These cogged deep wedge UniMatch V-belts limit slippage and need no belt set matching when used in multiple belt drives.

Unimatch Cogged Raw Edge Deep Wedge V-belts are identified by a number followed by two letters indicating belt cross section and cogged construction. The number following is the outside length in inches multiplied by 10 - **Example 3VX250**.

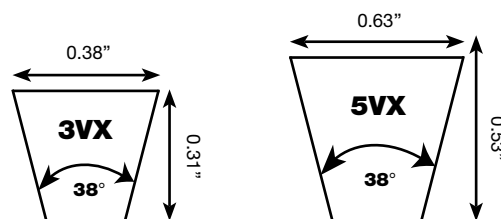


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### Part Nomenclature

## 3VX250

<b>3V</b>	=	0.38" Top Width x 0.31" Thickness
<b>X</b>	=	Raw edge sidewalls and cogged
<b>250</b>	=	Outside length in tenths of an inch = 25.0"



### Features & Benefits

<b>High Power Capability</b>	Higher power with a more compact drive
<b>UniMatch Construction</b>	Provides dimensional stability - Assures all belts are within ARPM matching limits
<b>Oil &amp; Heat Resistant</b>	Deliver excellent performance on demanding drives

### Construction

<b>Compound</b>	Chloroprene
<b>Cord</b>	Polyester
<b>Cover</b>	Cotton/polyester blend

### Technical Info

<b>Applications</b>	HVAC equipment where limited slippage and high power transmission is required. Extraction fans, ventilation fans, general HVAC equipment
<b>Engineering Standards</b>	Conforms to ARPM standard IP-22
<b>Temperature Range</b>	-22°F/+194°F (-30°C/+90°C)
<b>Recommended Pulleys</b>	Use pulleys made to ARPM standards

All items subject to minimum order requirements.

# UniMatch® Cogged Raw Edge Deep Wedge 3VX, 5VX

## AVAILABLE SIZES

Additional Lengths may be available. Contact Megadyne for sizes not listed.



3VX		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
3VX250	25.0	0.10
3VX265	26.5	0.10
3VX280	28.0	0.10
3VX290	29.0	0.10
3VX300	30.0	0.10
3VX315	31.5	0.10
3VX335	33.5	0.20
3VX355	35.5	0.20
3VX375	37.5	0.20
3VX390	39.0	0.20
3VX400	40.0	0.20
3VX425	42.5	0.20
3VX450	45.0	0.20
3VX475	47.5	0.20
3VX500	50.0	0.20
3VX530	53.0	0.20
3VX560	56.0	0.20
3VX600	60.0	0.30
3VX630	63.0	0.30
3VX670	67.0	0.30
3VX710	71.0	0.30
3VX750	75.0	0.30
3VX800	80.0	0.40
3VX850	85.0	0.40
3VX900	90.0	0.40
3VX950	95.0	0.40
3VX1000	100.0	0.40
3V1060	106.0	0.50
3VX1120	112.0	0.50
3VX1180	118.0	0.60
3VX1250	125.0	0.60
3VX1320	132.0	0.70
3VX1400	140.0	0.70

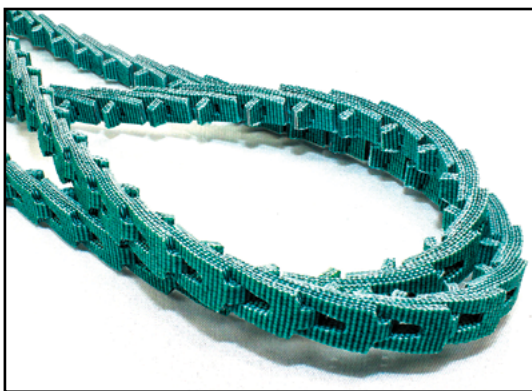
5VX		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
5VX450	45.0	0.55
5VX470	47.0	0.60
5VX500	50.0	0.60
5VX510	51.0	0.65
5VX530	53.0	0.70
5VX540	54.0	0.70
5VX550	55.0	0.70
5VX560	56.0	0.70
5VX570	57.0	0.70
5VX580	58.0	0.70
5VX590	59.0	0.70
5VX600	60.0	0.70
5VX610	61.0	0.80
5VX630	63.0	0.80
5VX650	65.0	0.80
5VX670	67.0	0.80
5VX680	68.0	0.80
5VX690	69.0	0.80
5VX710	71.0	0.80
5VX730	73.0	0.80
5VX740	74.0	0.80
5VX750	75.0	0.80
5VX780	78.0	0.85
5VX800	80.0	0.90
5VX810	81.0	0.90

5VX		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
5VX830	83.0	0.90
5VX840	84.0	0.90
5VX850	85.0	0.90
5VX860	86.0	0.90
5VX880	88.0	0.90
5VX900	90.0	1.00
5VX950	95.0	1.10
5VX960	96.0	1.10
5VX1000	100.0	1.20
5VX1030	103.0	1.20
5VX1060	106.0	1.20
5VX1080	108.0	1.30
5VX1120	112.0	1.30
5VX1150	115.0	1.40
5VX1180	118.0	1.40
5VX1230	123.0	1.50
5VX1250	125.0	1.50
5VX1320	132.0	1.60
5VX1400	140.0	1.70
5VX1500	150.0	1.80
5VX1600	160.0	1.90
5VX1700	170.0	2.00
5VX1800	180.0	2.10
5VX1900	190.0	2.30
5VX2000	200.0	2.40



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All items subject to minimum order requirements.



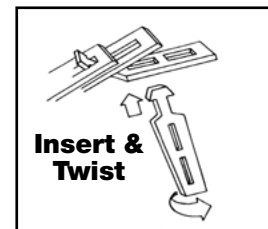
## Accu-Link® Detachable Tab Link Type V-Belt The Ideal V-Belt Alternative!

Accu-Link is an alternative to conventional rubber belts in many applications. Made endless with a single twist, an open length of belt can be wrapped around pulleys in hard-to-fit applications yielding fast belt replacement. Additionally, Accu-Link's high strength polyester fabric link design offers high tensile strength and reduces vibration. Accu-Links's urethane impregnation offers terrific oil and wear resistance.

### Features & Benefits

**Durable Urethane Coating**  
**Rugged Polyester Fabric**  
**Assemble To Any Length**  
**Easy "No Tools" Assembly**  
**Chemical/High-Temp Resistance**  
**Link Construction**  
**Smooth Operation**  
**Versatile**  
**Horsepower Capacity**  
**Interchangeability**

Increased life and durability  
 Strength and longer life; maximum horsepower  
 Reduces inventory  
 Assembles by hand  
 Dependable in harsh environments  
 Rolls onto drive pulleys like chain - no cords to break.  
 Reduced vibration over conventional V-belts  
 Can be used in any industry, hundreds of applications  
 Power ratings equal to conventional V-belts  
 Uses existing standard pulleys



### Construction

Rugged polyester fabric impregnated with premium urethane coating

### Technical Info

#### Applications

For use in applications where it's difficult to install an endless belt, avoiding costly labor-intensive machine dis-assembly. Ideal for use on mobile service vehicles where carrying a large inventory of belts is not practical. Can be used either as singles or on multiple belt drives. Extraction fans, exhaust fans, General HVAC equipment and dehumidifier desiccant wheels.

**Engineering Standards**  
**Recommended Pulleys**  
**Temperature Range**

None (No engineering standard exists for link-type belting)  
 Use pulleys made to ARPM standards  
 -13°F/+176°F (-25°C/+80°C)

Belt Type	Part Number	Length (feet)	Weight Per Foot (lbs.)	Packaging
3L	3L-LINK-5	5	0.50	5 ft. in one sleeve
	3L-LINK-25	25	0.50	25 ft. in one carton
	3L-LINK-100	100	0.50	100 ft. in one carton
A	A-LINK-5	5	0.60	5 ft. in one sleeve
	A-LINK-25	25	0.60	25 ft. in one carton
	A-LINK-100	100	0.60	100 ft. in one carton
B	B-LINK-6	6	0.90	6 ft. in one sleeve
	B-LINK-25	25	0.90	25 ft. in one carton
	B-LINK-100	100	0.90	100 ft. in one carton
C	C-LINK-25	25	0.17	25 ft. in one carton
CC	Also available in CC section by request - contact Megadyne			

All items subject to minimum order requirements.



# Accu-Link® Detachable Tab Link Type V-Belt

**NO SPECIAL TOOLS REQUIRED - ASSEMBLES IN SECONDS!**

## ASSEMBLY



1. Hold belt with tabs pointing outward.



2. Place end tabs through two links at once.



3. Flex belt further and insert second tab through end link by twisting tab with thumb.



4. Ensure tab returns to position across belt. Reverse belt so tabs run inside.

## DISASSEMBLY



1. Hold belt upside down. Bend back as far as possible, hold with one hand. Twist one tab 90° parallel with slot.



2. Pull end of link over tab.



3. Rotate belt end with tab 90°.



4. Pull belt through the two links.

## Installation

- Before installing, turn belt inside out and couple the belt.
- Place endless Accu-Link® V-Belt in the nearest small sheave groove.
- Extend belt and place in the nearest large sheave groove.
- Manually turn the Accu-Link® V-Belt until it is in groove all around drive. Do not jog motor.
- Continue to manually work the belt from groove to groove.
- Repeat until all grooves are filled.
- Tension belts using the same method for equivalent size conventional rubber belt.

**NOTE:** Unlike conventional V-Belts, Accu-Link® can be rolled onto pulleys - no cords to break!

## ACCU-LINK® COMPARATIVE LENGTH TABLES

3L (3/8") ACCU-LINK®											
Part Number	Accu-Link® Length (inch)	Part Number	Accu-Link® Length (inch)	Part Number	Accu-Link® Length (inch)	Part Number	Accu-Link® Length (inch)	Part Number	Accu-Link® Length (inch)	Part Number	Accu-Link® Length (inch)
3L140	14	3L210	21	3L280	28	3L350	35	3L420	42	3L490	49
3L150	15	3L220	22	3L290	29	3L360	36	3L430	43	3L500	50
3L160	16	3L230	23	3L300	30	3L370	37	3L440	44	3L520	52
3L170	17	3L240	24	3L310	31	3L380	38	3L450	45	3L540	54
3L180	18	3L250	25	3L320	32	3L390	39	3L460	46	3L560	56
3L190	19	3L260	26	3L330	33	3L400	40	3L470	47	3L580	58
3L200	20	3L270	27	3L340	34	3L410	41	3L480	48	3L600	60

**NOTE:**

Accu-Link® lengths are approximate. Adjustments may be required (links removed) after initial run-in. Overall length measurement should be made after belt is assembled.

# Accu-Link® Detachable Tab Link Type V-Belt

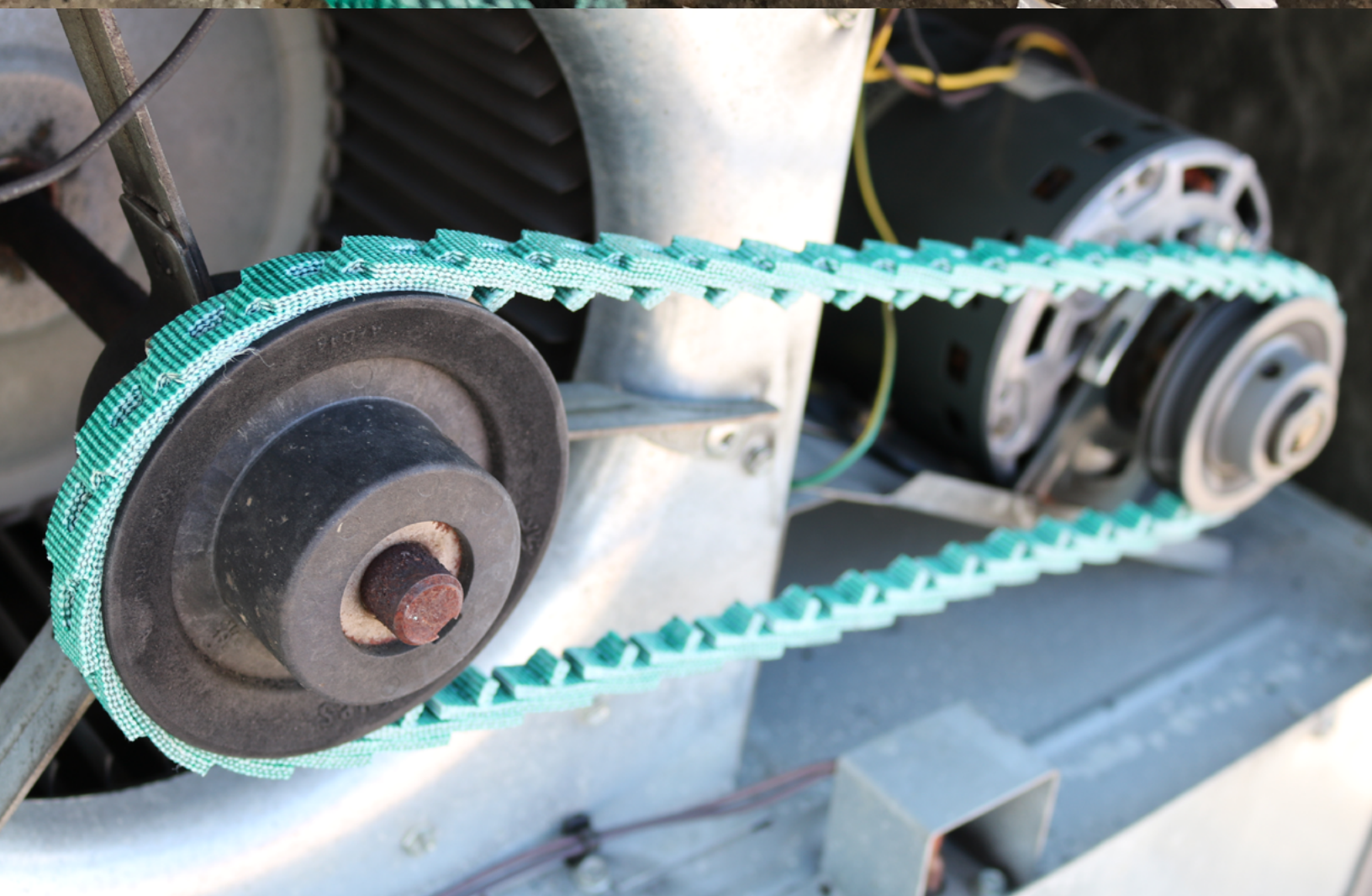
## ACCU-LINK® COMPARATIVE LENGTH TABLES

A/4L (1/2") ACCU-LINK®																	
Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)
A19	4L210	21	A33	4L350	35	A47	4L490	49	A61	4L630	63	A75	4L770	77	A89	4L910	91
A20	4L220	22	A34	4L360	36	A48	4L500	50	A62	4L640	64	A76	4L780	78	A90	4L920	92
A21	4L230	23	A35	4L370	37	A49	4L510	51	A63	4L650	65	A77	4L790	79	A91	4L930	93
A22	4L240	24	A36	4L380	38	A50	4L520	52	A64	4L660	66	A78	4L800	80	A92	4L940	94
A23	4L250	25	A37	4L390	39	A51	4L530	53	A65	4L670	67	A79	4L810	81	A93	4L950	95
A24	4L260	26	A38	4L400	40	A52	4L540	54	A66	4L680	68	A80	4L820	82	A94	4L960	96
A25	4L270	27	A39	4L410	41	A53	4L550	55	A67	4L690	69	A81	4L830	83	A95	4L970	97
A26	4L280	28	A40	4L420	42	A54	4L560	56	A68	4L700	70	A82	4L840	84	A96	4L980	98
A27	4L290	29	A41	4L430	43	A55	4L570	57	A69	4L710	71	A83	4L850	85	A97	4L990	99
A28	4L300	30	A42	4L440	44	A56	4L580	58	A70	4L720	72	A84	4L860	86	A98	4L1000	100
A29	4L310	31	A43	4L450	45	A57	4L590	59	A71	4L730	73	A85	4L870	87	A99	---	101
A30	4L320	32	A44	4L460	46	A58	4L600	60	A72	4L740	74	A86	4L880	88	---	---	---
A31	4L330	33	A45	4L470	47	A58	4L610	61	A73	4L750	75	A87	4L890	89	---	---	---
A32	4L340	34	A46	4L480	48	A60	4L620	62	A74	4L760	76	A88	4L900	90	---	---	---

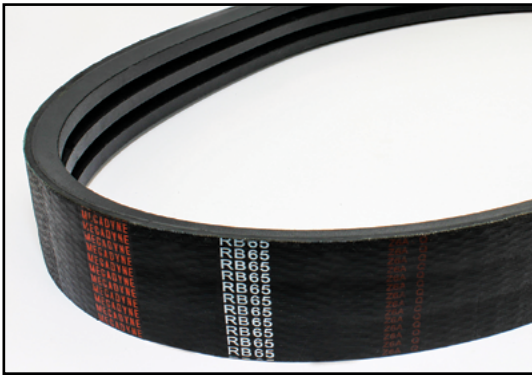
B/5L (21/32") ACCU-LINK®																	
Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)	Part Number		Accu-Link® Length (inch)
B22	5L250	25	B36	5L390	39	B50	5L530	53	B64	5L670	67	B78	5L810	81	B92	5L950	95
B23	5L260	26	B37	5L400	40	B51	5L540	54	B65	5L680	68	B79	5L820	82	B93	5L960	96
B24	5L270	27	B38	5L410	41	B52	5L550	55	B66	5L690	69	B80	5L830	83	B94	5L970	97
B25	5L280	28	B39	5L420	42	B53	5L560	56	B67	5L700	70	B81	5L840	84	B95	5L980	98
B26	5L290	29	B40	5L430	43	B54	5L570	57	B68	5L710	71	B82	5L850	85	B96	5L990	99
B27	5L300	30	B41	5L440	44	B55	5L580	58	B69	5L720	72	B83	5L860	86	B97	---	100
B28	5L310	31	B42	5L450	45	B56	5L590	59	B70	5L730	73	B84	5L870	87	B98	---	101
B29	5L320	32	B43	5L460	46	B57	5L600	60	B71	5L740	74	B85	5L880	88	B99	---	102
B30	5L330	33	B44	5L470	47	B58	5L610	61	B72	5L750	75	B86	5L890	89	---	---	---
B31	5L340	34	B45	5L480	48	B59	5L620	62	B73	5L760	76	B87	5L900	90	---	---	---
B32	5L350	35	B46	5L490	49	B60	5L630	63	B74	5L770	77	B88	5L910	91	---	---	---
B33	5L360	36	B47	5L500	50	B61	5L640	64	B75	5L780	78	B89	5L920	92	---	---	---
B34	5L370	37	B48	5L510	51	B62	5L650	65	B76	5L790	79	B90	5L930	93	---	---	---
B35	5L380	38	B49	5L520	52	B63	5L660	66	B77	5L800	80	B91	5L940	94	---	---	---

**NOTE:** Accu-Link® lengths are approximate. Adjustments may be required (links removed) after initial run-in. Overall length measurement should be made after belt is assembled.









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## UniMatch® Banded V-Belts

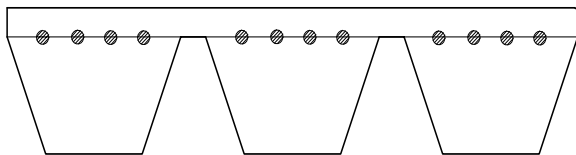
### RB, RC, RD

### Oil & Heat Resistant/Static Dissipating

UniMatch Banded V-belts are available in Classical sections B, C and D, and feature the same premium construction as our single v-belt. Bonded together with a fabric-neoprene top band, these belts are often used on vertical shafts and where belt vibration, whipping and turn-over must be minimized.

In-between lengths (sizes not listed here) of the B, C and D sections are available, as are lengths up to 600 inches in the B and C sections by special order. Contact Megadyne for availability.

Banded Classical V-belts are specified by a number followed by a forward slash which indicates banded construction and number of ribs, and a letter/number combination indicating the base belt part number. **Example: 8/C90**



#### Part Nomenclature

## 8/C90

**8** = One banded belt with 8 ribs  
**C** = Indicates belt cross section  
**90** = ARPM Standard Length Designation

### Features & Benefits

<b>Banded Construction</b>	Fabric/Neoprene top band enhances stability and prevents belts from turning over or coming off the drive. Minimizes vibration.
<b>Static Dissipating</b>	Safe operation in potentially dangerous atmosphere
<b>Oil &amp; Heat Resistant</b>	Durability in tough environments

### Construction

<b>Compound</b>	Natural Rubber/SBR
<b>Cord</b>	Polyester
<b>Cover</b>	Cotton/polyester blend
<b>Top Band</b>	Fabric/Neoprene

### Technical Info

<b>Applications</b>	Air handlers, general HVAC equipment
<b>Engineering Standards</b>	Conforms to ARPM standard IP-20
<b>Temperature Range</b>	-22°F/+176°F (-20°C/+80°C)
<b>Recommended Pulleys</b>	Use pulleys made to ARPM standards
<b>Special Lengths</b>	In-between sizes (B,C,D) and sizes up to 600 inches (B, C) available by special order
<b>Note</b>	2 and 3 rib belts are not returnable

It is common practice for some belt suppliers to fill orders for banded V-belts by supplying separate bands (belts) that add up to the total number of ribs requested. Normal policy for Megadyne is to supply a one-piece banded V-belt unless otherwise requested. **Example: Order is for one belt with 8 ribs.** Some suppliers will send two belts with 4 ribs each. Megadyne will ship as ordered, one belt with 8 ribs, unless otherwise specified.

All items subject to minimum order requirements.

# UniMatch® Banded V-Belts - RB, RC, RD

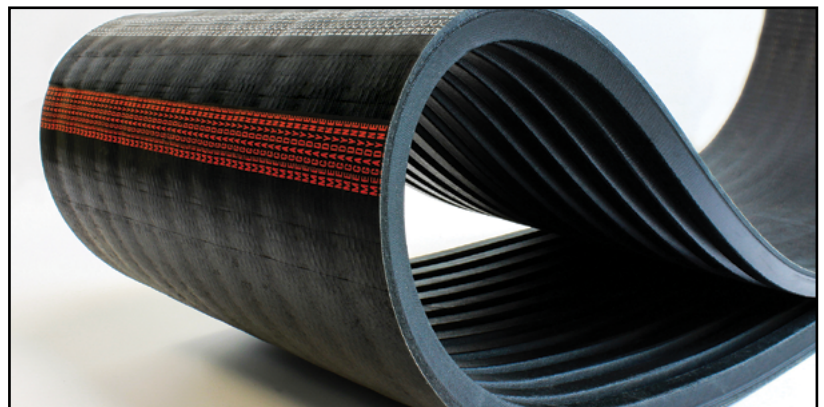
## AVAILABLE SIZES

Additional Lengths may be available. Contact Megadyne for sizes not listed.

RB			RB			RC			RD		
Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)	Belt Number	Outside Length (inch)	Approx. Weight (lbs.)
RB46	49.8	0.70	RB100	103.8	1.36	RC60	65.4	1.44	RD112	118.6	4.70
RB48	51.8	0.70	RB101	104.8	1.34	RC68	73.4	1.65	RD120	126.6	5.00
RB51	54.8	0.70	RB103	106.8	1.39	RC71	76.4	1.68	RD128	134.6	5.30
RB52	55.8	0.70	RB105	108.8	1.43	RC75	80.4	1.80	RD138	144.6	5.80
RB53	56.8	0.72	RB108	111.8	1.47	RC80	85.4	1.85	RD144	150.6	6.00
RB55	58.8	0.74	RB109	112.8	1.50	RC81	86.4	1.92	RD158	164.6	6.60
RB56	59.8	0.75	RB112	115.8	1.54	RC85	90.4	2.04	RD162	168.6	6.80
RB57	60.8	0.76	RB114	117.8	1.58	RC87	92.4	2.09	RD173	179.6	7.20
RB58	61.8	0.77	RB116	119.8	1.61	RC90	95.4	2.16	RD180	186.6	7.50
RB59	62.8	0.79	RB118	121.8	1.60	RC96	101.4	2.30	RD195	201.6	7.90
RB60	63.8	0.82	RB120	123.8	1.68	RC100	105.4	2.40	RD210	216.6	8.70
RB61	64.8	0.83	RB124	127.8	1.75	RC105	110.4	2.52	RD225	229.1	9.40
RB62	65.8	0.84	RB128	131.8	1.78	RC109	114.4	2.60	RD240	244.1	10.00
RB63	66.8	0.86	RB130	133.8	1.80	RC112	117.4	2.68	RD255	259.1	10.60
RB64	67.8	0.87	RB133	136.8	1.81	RC120	125.4	2.88	RD270	274.1	11.20
RB65	68.8	0.88	RB136	139.8	1.84	RC126	131.4	3.04	RD285	289.1	11.80
RB66	69.8	0.89	RB138	141.8	1.90	RC128	133.4	3.07	RD300	304.1	12.50
RB67	70.8	0.90	RB141	144.8	1.92	RC136	141.4	3.26	RD315	319.1	13.10
RB68	71.8	0.92	RB144	147.8	1.95	RC144	149.4	3.45	RD330	334.1	13.70
RB70	73.8	0.95	RB148	151.8	2.00	RC158	163.4	3.79	RD345	349.1	14.40
RB71	74.8	0.97	RB150	153.8	2.05	RC162	167.4	3.88	RD360	364.1	14.90
RB72	75.8	0.98	RB154	157.8	2.09	RC173	178.4	4.15	RD390	394.1	16.20
RB75	78.8	1.00	RB158	161.8	2.14	RC180	185.4	4.32	RD420	424.1	17.50
RB77	80.8	1.02	RB160	163.8	2.18	RC195	200.4	4.68	RD480	484.1	20.00
RB78	81.8	1.04	RB162	165.8	2.20	RC204	209.4	4.90	RD540	544.1	22.50
RB79	82.8	1.06	RB173	176.8	2.35	RC210	215.4	5.04	RD600	604.1	25.00
RB80	83.8	1.08	RB180	183.8	2.44	RC225	228.4	5.40	RD660	664.1	27.50
RB81	84.8	1.10	RB184	187.8	2.50	RC240	243.4	5.76			
RB82	85.8	1.12	RB188	191.8	2.68	RC255	258.4	6.12			
RB83	86.8	1.15	RB190	193.8	2.75	RC270	273.4	6.48			
RB85	88.8	1.18	RB195	198.8	2.65	RC285	288.4	6.84			
RB88	91.8	1.21	RB210	213.8	2.85	RC300	303.4	7.20			
RB90	93.8	1.22	RB225	227.3	3.20	RC315	318.4	7.56			
RB93	96.8	1.26	RB240	242.3	3.26	RC330	333.4	7.92			
RB95	98.8	1.29	RB255	257.3	3.46	RC345	348.4	8.28			
RB96	99.8	1.30	RB270	272.3	3.67	RC360	363.4	8.64			
RB97	100.8	1.32	RB300	302.3	4.08	RC390	393.4	9.36			
RB99	102.8	1.35	RB315	317.3	4.28	RC420	423.4	10.80			

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Special Order Availability	
Size	Maximum Rib Width
RB48 to RB105	28
RB108 and up	26
RC - All sizes	22
RD - All sizes	15





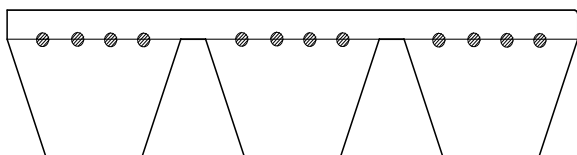
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## UniMatch® Banded V-Belts Deep Wedge Sections R3V, R5V, R8V

### Oil & Heat Resistant/Static Dissipating

UniMatch Banded V-belts are available in Deep Wedge sections 3V, 5V and 8V, and feature the same premium constructions as the individual Deep Wedge belt and are bonded together with a fabric-neoprene top band. These belts are often used on vertical shafts and where belt vibration, whipping and turn-over must be minimized.

Banded Deep Wedge V-belts are specified by a number followed by a forward slash which indicates banded construction, number of ribs and a letter/number combination indicating the base belt part number  
- **Example: 8/5V750**



### Part Nomenclature

## **8/5V750**

- 8** = One banded belt with 8 ribs
- 5V** = Indicates belt type/cross section
- 750** = Effective length in tenths of an inch = 75.0 "

### Features & Benefits

- High Power Capability** High power with a more compact drive
- Banded Construction** Fabric/Neoprene top band enhances stability and prevents belts from turning over or coming off of the drive. Minimizes vibration.
- Oil & Heat Resistant** Durability in tough environments

### Construction

- Compound** NR/SBR
- Cord** Polyester
- Cover** Cotton/polyester blend
- Top Band** Fabric/Neoprene

### Technical Info

- Applications** HVAC equipment where high power transmission is required. Air handlers, general HVAC equipment
- Engineering Standards** Conforms to ARPM standard IP-22
- Temperature Range** -22°F/+176°F (-20°C/+80°C)
- Recommended Pulleys** Use pulleys made to ARPM standards
- Note** 2 and 3 rib belts are not returnable

It is common practice for some belt suppliers to fill orders for banded V-belts by supplying separate bands (belts) that add up to the total number of ribs requested. Normal policy for Megadyne is to supply a one-piece banded V-belt unless otherwise requested. **Example: Order is for one belt with 8 ribs.** Some suppliers will send two belts with 4 ribs each. Megadyne will ship as ordered, one belt with 8 ribs, unless otherwise specified.

All items subject to minimum order requirements.



# UniMatch® Banded Deep Wedge V-Belts R3V, R5V, R8V

## AVAILABLE SIZES

Additional Lengths may be available. Contact Megadyne for sizes not listed.

R3V		
Belt Number	Effective Length (inch)	Approx. Weight (lbs.)
R3V355	35.5	0.20
R3V400	40.0	0.20
R3V425	42.5	0.20
R3V450	45.0	0.20
R3V475	47.5	0.20
R3V500	50.0	0.20
R3V530	53.0	0.20
R3V560	45.0	0.20
R3V600	60.0	0.20
R3V630	63.0	0.30
R3V670	67.0	0.30
R3V710	71.0	0.30
R3V730	73.0	0.30
R3V750	75.0	0.30
R3V800	63.0	0.30
R3V830	83.0	0.40
R3V850	85.0	0.40
R3V900	90.0	0.40
R3V950	95.0	0.40
R3V1000	100.0	0.40
R3V1060	106.0	0.50
R3V1120	112.0	0.50
R3V1180	118.0	0.50
R3V1250	125.0	0.50
R3V1320	132.0	0.60
R3V1400	140.0	0.60

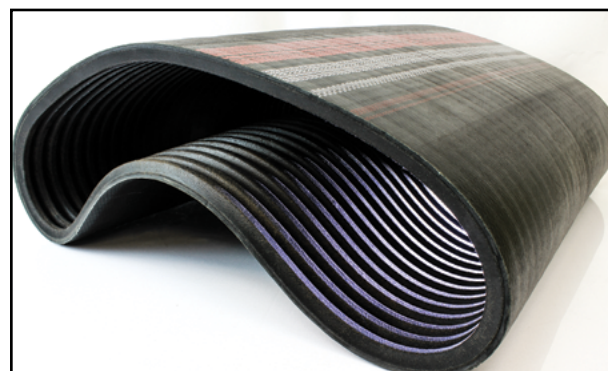


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R5V		
Belt Number	Effective Length (inch)	Approx. Weight (lbs.)
R5V500	50.0	0.60
R5V530	53.0	0.60
R5V560	56.0	0.70
R5V600	60.0	0.70
R5V630	63.0	0.70
R5V670	67.0	0.80
R5V710	71.0	0.80
R5V750	75.0	0.80
R5V800	80.0	0.90
R5V850	85.0	0.90
R5V900	90.0	1.00
R5V950	95.0	1.10
R5V975	97.5	1.20
R5V1000	100.0	1.20
R5V1060	106.0	1.30
R5V1120	112.0	1.30
R5V1180	118.0	1.40
R5V1250	125.0	1.50
R5V1320	132.0	1.60
R5V1400	140.0	1.70
R5V1500	150.0	1.80
R5V1600	160.0	1.90
R5V1650	165.0	2.00
R5V1700	170.0	2.00
R5V1800	180.0	2.10
R5V1900	190.0	2.20
R5V2000	200.0	2.40
R5V2120	212.0	2.50
R5V2240	224.0	2.70
R5V2360	236.0	2.80
R5V2500	250.0	3.00
R5V2650	265.0	3.20
R5V2800	280.0	3.30
R5V3000	300.0	3.60
R5V3150	315.0	3.80
R5V3350	335.0	4.00
R5V3550	355.0	4.30

R8V		
Belt Number	Effective Length (inch)	Approx. Weight (lbs.)
R8V1000	100.0	3.30
R8V1060	106.0	3.50
R8V1120	112.0	3.70
R8V1180	118.0	3.90
R8V1250	125.0	4.10
R8V1320	132.0	4.40
R8V1400	140.0	4.60
R8V1500	150.0	4.90
R8V1600	160.0	5.20
R8V1650	165.0	5.40
R8V1700	170.0	5.60
R8V1800	180.0	5.90
R8V1900	190.0	6.30
R8V2000	200.0	6.60
R8V2120	212.0	6.90
R8V2240	224.0	7.00
R8V2360	236.0	7.00
R8V2400	240.0	8.00
R8V2500	250.0	8.30
R8V2650	265.0	8.70
R8V2700	270.0	9.00
R8V2800	280.0	9.20
R8V3000	300.0	9.80
R8V3150	315.0	9.90
R8V3350	335.0	11.10
R8V3750	375.0	11.70
R8V4000	400.0	12.40
R8V4250	425.0	13.20
R8V4500	450.0	14.00
R8V4750	475.0	14.80
R8V5000	500.0	16.50
R8V5600	560.0	18.40

Special Order Availability	
Size	Maximum Rib Width
R3V425 to R3V475	21
R3V500 to R3V1060	54
R3V1120 to R3V1400	48
R5V - All sizes	30
R8V - All sizes	20





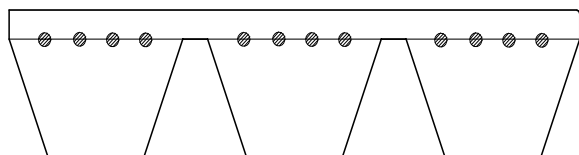
### UniMatch® Deep Wedge Cog Banded V-Belts R3VX, R5VX Oil & Heat Resistant/Static Dissipating

UniMatch Banded V-belts are available in Deep Wedge Cog sections 3VX and 5VX. They feature the same premium constructions as our individual Cogged Raw Edge belts and are bonded together with a fabric-neoprene top band. These belts are often used on vertical shafts and where belt vibration, whipping and turn-over must be minimized.

Banded Deep Wedge Cog V-belts are specified by a number followed by a forward slash which indicates banded construction, number of ribs and a letter/number combination indicating the base belt part number. **Example: 3/3VX335**



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#### Part Nomenclature

## 3/3VX335

- 3** = One banded belt with 3 ribs
- 3V** = Belt type/cross section
- X** = Raw edge + cog construction
- 335** = Effective length in tenths of an inch = 33.5"

#### Features & Benefits

- High Power Capability** High power with a more compact drive
- Raw Edge Sidewalls** Increased friction reduces slippage/increases efficiency versus wrapped V-belts. Saves energy.
- Banded Construction** Fabric/Neoprene top band enhances stability and prevents belts from turning over or coming off of the drive. Minimizes vibration.
- Oil & Heat Resistant** Durability in tough environments

#### Construction

- Compound** Chloroprene
- Cord** Polyester
- Sidewalls** Raw Edge
- Top Band** Fabric/Neoprene

#### Technical Info

- Applications** HVAC equipment where high power transmission and limited slippage is necessary. Air handlers, general HVAC equipment
- Engineering Standards** Conforms to ARPM standard IP-22
- Temperature Range** -22°F/+194°F (-30°C/+90°C)
- Recommended Pulleys** Use pulleys made to ARPM standards
- Note** 2 and 3 rib belts are not returnable

It is common practice for some belt suppliers to fill orders for banded V-belts by supplying separate bands (belts) that add up to the total number of ribs requested. Normal policy for Megadyne is to supply a one-piece banded V-belt unless otherwise requested. **Example: Order is for one belt with 8 ribs.** Some suppliers will send two belts with 4 ribs each. Megadyne will ship as ordered, one belt with 8 ribs.

All items subject to minimum order requirements.

# UniMatch® Deep Wedge Cog Banded V-Belts - R3VX, R5VX

## AVAILABLE SIZES

Additional lengths may be available. Contact Megadyne for sizes not listed.

R3VX			
Belt Number	Effective Length (inch)	Approx. Weight (lbs.)	Max. No of Ribs
R3VX315	31.5	0.15	70
R3VX335	33.5	0.16	70
R3VX355	35.5	0.17	70
R3VX375	37.5	0.18	70
R3VX400	40.0	0.19	70
R3VX425	42.5	0.21	70
R3VX430	43.0	0.21	70
R3VX450	45.0	0.22	70
R3VX460	46.0	0.22	70
R3VX475	47.5	0.23	70
R3VX500	50.0	0.24	70
R3VX520	52.0	0.25	70
R3VX530	53.0	0.26	70
R3VX560	56.0	0.27	70
R3VX600	60.0	0.29	70
R3VX630	63.0	0.31	70
R3VX670	67.0	0.33	70
R3VX710	71.0	0.34	70
R3VX750	75.0	0.36	70
R3VX800	80.0	0.39	70
R3VX850	85.0	0.41	70
R3VX900	90.0	0.44	70
R3VX925	92.5	0.45	70
R3VX950	95.0	0.46	70
R3VX1000	100	0.49	70
R3VX1060	106.0	0.51	5
R3VX1120	112.0	0.54	5
R3VX1180	118.0	0.57	5
R3VX1250	125.0	0.61	5
R3VX1320	132.0	0.64	5
R3VX1400	140.0	0.67	5

R5VX			
Belt Number	Effective Length (inch)	Approx. Weight (lbs.)	Max. No of Ribs
R5VX500	50.0	0.65	43
R5VX530	53.0	0.69	43
R5VX560	56.0	0.73	43
R5VX600	60.0	0.79	43
R5VX630	63.0	0.83	43
R5VX670	67.0	0.88	43
R5VX710	71.0	0.93	43
R5VX750	75.0	0.98	43
R5VX800	80.0	1.05	43
R5VX830	83.0	1.09	43
R5VX850	85.0	1.11	43
R5VX900	90.0	1.18	43
R5VX950	95.0	1.24	43
R5VX1000	100.0	1.31	43
R5VX1060	106.0	1.39	5
R5VX1120	112.0	1.47	5
R5VX1180	118.0	1.55	5
R5VX1250	125.0	1.64	5
R5VX1320	132.0	1.73	5
R5VX1400	140.0	1.83	5
R5VX1500	150.0	1.96	5
R5VX1600	160.0	2.10	5
R5VX1700	170.0	2.23	5
R5VX1800	180.0	2.36	5
R5VX1900	190.0	2.49	5
R5VX2000	200.0	2.62	5

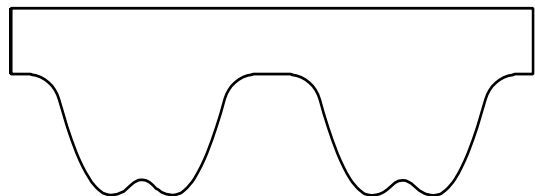


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All items subject to minimum order requirements.



## SYNCHRONOUS BELTS



## Platinum

### Ultra High Torque 8M, 14M RPC Parabolic Tooth Profile

Platinum is an Ultra-High Performance, rubber-based belt. "Dual Core" Hybrid Tensile Cord Technology, combined with a nitrile-based HNBR compound body, results in a product capable of handling the most demanding drives replacing roller chains, gears and Poly Chain®. The "RPC" belt tooth profile is an evolution of the industry standard RPP®. It is fully interchangeable with HTD®, RPP and Poly Chain pulley tooth profiles. The RPC belt tooth profile allows upgrade of existing drive systems (RPP, HTD, Poly Chain and PowerGrip® GT® 2) without replacing the existing pulleys. Platinum is a true "drop-in" replacement on all commonly used deep tooth pulley profiles.

PLATINUM synchronous belts are specified by pitch length, tooth pitch and width in millimeters - **Example: 3500PLT14M65**



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#### PART NOMENCLATURE

### 3500PLT14M65

**3500** = Pitch length (3500mm)  
**PLT** = Platinum belt construction  
**14M** = Tooth Pitch (14 mm)  
**65** = Belt width (65 mm)

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)									Pitch Lengths (mm)
		12	20	21	36	37	62	68	90	125	
PLT8	8	12	-	21	36	-	62	-	-	-	248 thru 4400
PLT14	14	-	20	-	-	37	-	68	90	125	994 thru 4956
Standard widths shown. Can be cut to any width desired.											

## Features & Benefits

<b>RPC Tooth Profile</b>	Compatible with Poly Chain, RPP, HTD and PowerGrip GT 2 pulleys
<b>Highest Power Capacity</b>	Reduced belt/pulley width means less noise and drive weight, bearing load and cost, with increased efficiency and energy savings
<b>Dual Core Hybrid Tensile Cord</b>	Guarantees high power capability and maintenance-free operation
<b>Greater Length Range</b>	More available lengths than any competitor
<b>Lower Noise</b>	RPC low noise tooth profile combined with HNBR rubber is quieter than polyurethane belt
<b>High Temperature Capability</b>	Up to 239°F versus 185°F for polyurethane
<b>HNBR Rubber Construction</b>	Better flexibility than polyurethane belts. Important for long life and drives with idlers

## Construction

<b>Compound</b>	HNBR with high resistance to petroleum oils and solvents
<b>Tensile Cord</b>	Dual Core Hybrid tensile cord allows the highest power transmission capability
<b>Tooth Cover</b>	Specially treated nylon fabric to reduce friction and pulley wear
<b>Tooth Profile</b>	RPC Parabolic - full interchange with HTD, RPP and Poly Chain pulleys

## Technical Info

<b>Applications</b>	Drives requiring maximum efficiency, synchronous operation and the highest power capacity. Air handlers, extraction fans, ventilation fans, cooling towers, general HVAC equipment
<b>Engineering Standards</b>	Conforms to ARPM IP-27 and ISO 13050 standard tolerances
<b>Temperature Range</b>	-31°F/+239°F (-35°C/+115°C)
<b>Recommended Pulleys</b>	Use pulleys made to ARPM or ISO 13050 standards
<b>Special Widths</b>	Can be supplied in any width - available upon request
<b>Silicone-Free Packaging</b>	Also available individually packaged - non-stock, made to order
All items subject to minimum order requirements.	



**Platinum****Ultra High Torque 8M, 14M  
RPC Parabolic Tooth Profile****AVAILABLE SIZES**

Additional lengths may be available.  
Contact Megadyne for sizes not listed.

<b>Platinum 8M</b>		
Belt Type	Pitch Length (mm)	Number of Teeth
248PLT8	248	31
288PLT8	288	36
320PLT8	320	40
352PLT8	352	44
360PLT8	360	45
384PLT8	348	48
408PLT8	408	51
416PLT8	416	52
456PLT8	456	57
480PLT8	480	60
536PLT8	536	67
544PLT8	544	68
560PLT8	560	70
600PLT8	600	75
608PLT8	608	76
632PLT8	632	79
640PLT8	640	80
680PLT8	680	85
720PLT8	720	90
800PLT8	800	100
840PLT8	840	105
880PLT8	880	110
896PLT8	896	112
920PLT8	920	115
960PLT8	960	120
1000PLT8	1000	125

<b>Platinum 8M</b>		
Belt Type	Pitch Length (mm)	Number of Teeth
1040PLT8	1040	130
1080PLT8	1080	135
1120PLT8	1120	140
1160PLT8	1160	145
1200PLT8	1200	150
1224PLT8	1224	153
1280PLT8	1280	160
1440PLT8	1440	180
1464PLT8	1464	183
1600PLT8	1600	200
1760PLT8	1760	220
1792PLT8	1792	224
1800PLT8	1800	225
2000PLT8	2000	250
2200PLT8	2200	275
2240PLT8	2240	280
2400PLT8	2400	300
2520PLT8	2520	315
2600PLT8	2600	325
2800PLT8	2800	350
2840PLT8	2840	355
3048PLT8	3048	381
3200PLT8	3200	400
3280PLT8	3280	410
3600PLT8	3600	450
4000PLT8	4000	500
4400PLT8	4400	550

<b>Platinum 14M</b>		
Belt Type	Pitch Length (mm)	Number of Teeth
994PLT14	994	71
1092PLT14	1092	78
1120PLT14	1120	80
1190PLT14	1190	85
1260PLT14	1260	90
1288PLT14	1288	92
1344PLT14	1344	96
1400PLT14	1400	100
1512PLT14	1512	108
1568PLT14	1568	112
1610PLT14	1610	115
1750PLT14	1750	125
1778PLT14	1778	127
1890PLT14	1890	135
1960PLT14	1960	140
2100PLT14	2100	150
2240PLT14	2240	160
2310PLT14	2310	165
2380PLT14	2380	170
2450PLT14	2450	175
2520PLT14	2520	180
2590PLT14	2590	185
2660PLT14	2660	190
2800PLT14	2800	200
3136PLT14	3136	224
3150PLT14	3150	225
3304PLT14	3304	236
3360PLT14	3360	240
3500PLT14	3500	250
3850PLT14	3850	275
3920PLT14	3920	280
4326PLT14	4326	309
4410PLT14	4410	315
4956PLT14	4956	354



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### Pulleys & Bushings

**Megadyne offers a comprehensive line of pulleys and bushings for V-belts and synchronous/timing applications. Contact us for complete product information.**

**Light Duty Pulleys** - Light duty cast iron pulleys are machined from gray cast iron. They are statically balanced, painted and are individually packaged. Available in single and double groove. Bushings are ordered separately.

- AK Pulleys fit 3L, 4L and A section
- BK Pulleys fit 4L, A, 5L and B section

**Variable Pitch Pulleys** - Available in single (1VP) and double (2VP) groove. Includes hollow head set screws and keyseat. Jason standard pulleys can be used as a companion pulley. Available in various bore sizes. Fits 3L, 4L, 5L, A or B belt sections.

**AL (Blower) Pulleys** - AL Pulleys for Light Duty Applications. Cast Aluminum construction. Includes set screw and keyseat. Not to be used with drives rated for "AX" belt (cogged raw edge).

**QD Pulleys and Bushings** - QD pulleys and bushings are available for heavy duty applications. They are statically balanced and painted, and are individually packaged, sealed in plastic wrap.

- A/B Combination up to 6 grooves
- C section up to 8 grooves
- D section up to 10 grooves
- 3V section up to 10 grooves
- 5V section up to 6 grooves

**Synchronous/Timing Pulleys/Clamping Plates** - Megadyne supplies complete drives, including metric pulleys and clamping belt plates made to standard and custom specifications. Available in aluminum or steel, our pulleys are manufactured to precise tolerances to assure a perfect fit between belt and pulley. Timing pulleys are balanced, painted and available in all standard pitches for quick delivery. Contact us for more information.

**Non-Stock/Made-To-Order** - If you do not find the pulley you need in this catalog, please contact us. We can supply quotations on virtually any non-stock or made-to-order pulley with special features or construction. We are often able to supply the product with minimal delays on a special order basis.



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)

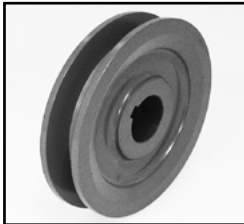
All items subject to minimum order requirements.

## Light & Heavy Duty Pulleys & Bushings

- Individually Bagged/Packaged for Protection
- Individually Bar-Coded

Not all items are in stock at all locations.  
Please contact Megadyne for complete product information.

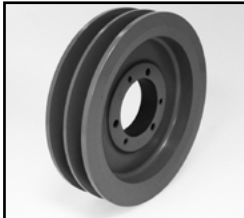
### Light Duty Pulleys & Bushings



- AK - Bored to Size** - .75" through 15.75" diameter  
**BK - Bored to Size** - 1/2" through 1-7/16" diameter



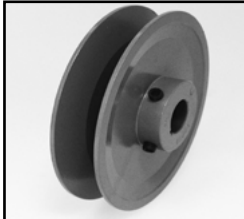
**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)



- AK - Bushed** - Pulley 3" through 18.75" diameter  
**BK - Bushed** - "H" Bushed Sheave reduces inventory & increases selection  
**H - Bushings** - 5/8" through 1-3/8" bore range



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)



- Variable Pitch Pulleys**
- 1VP and 2VP Variable Pitch
  - Fits 3L, 4L/A, 5L/B, A, B or 5V Belts
  - 2-1/2" through 7-1/2" diameter
  - 1/2" through 1-5/8" bore



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)



- AL (Blower) Pulleys**
- Bored to size with 5/8" through 1" diameter
  - 5" through 12" diameter pulley



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)

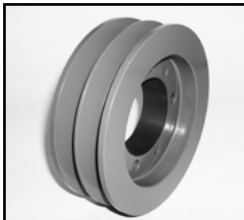
### Heavy Duty Pulleys & Bushings



- QD Pulleys & Bushings**
- 3.57" through 58" diameter
  - Single through 8 groove pulleys
  - JA, H, SH, SDS, SD, SK, SF, E, F, J, M, N, P Bushings
  - 5/8" through 6" bore



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)



- TB Pulleys & Bushings**
- Pulley used with double split taper bushings
  - 3.75" through 12.75" diameter
  - P1 & Q1 Bushings from 5/8" through 1-15/16"

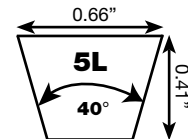
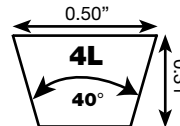
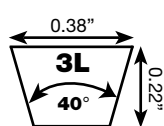
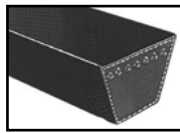


**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)

## DRIVE BELT NOMENCLATURE - V-BELTS

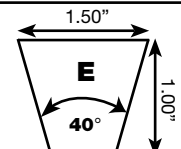
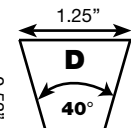
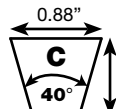
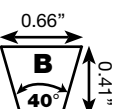
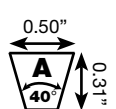
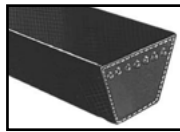
### LIGHT DUTY

Fractional HP (FHP) - Suitable for light duty applications normally using fractional horsepower motors



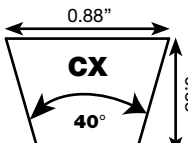
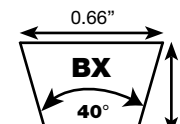
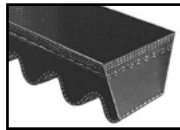
### CLASSICAL HEAVY DUTY

Multi-Plus® - UniMatch®  
Wide range of sizes



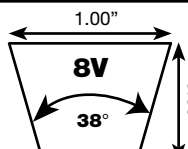
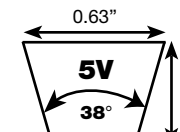
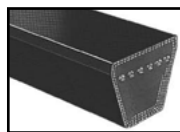
### MOLDED COGGED

Cogs allow use of smaller diameter pulleys and provide heat dissipation. Raw Edge Sidewalls (no fabric cover) prevent slippage.



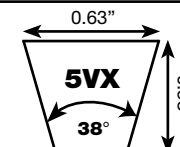
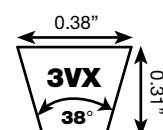
### WEDGE

Narrower, deeper profile with higher power capability than classical v-belt. Allows for smaller, more compact drives.



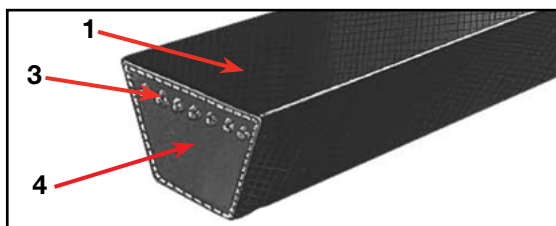
### WEDGE COGGED

Same properties of Wedge. Cogged for greater flexibility and heat dissipation. Raw Edge Sidewalls (no fabric cover) prevent slippage.

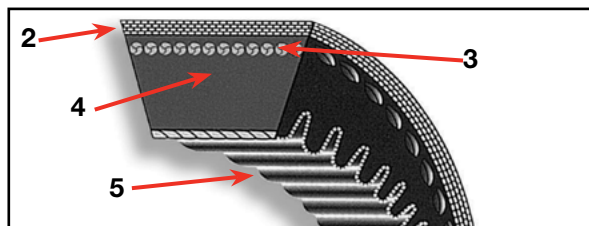


V-Belt Type	Identified By	Part Number Example	Approximate Outside Length
Fractional HP (FHP)	Effective Length	4L500 =	50"
Classical Multi-Plus	Standard Length Designation	A48 =	
Fractional HP	Effective Length	5L500 =	
Classical Multi-Plus	Standard Length Designation	B47 =	
Classical Cogged	Standard Length Designation	AX48 =	
Narrow Deep Wedge/Cogged	Effective Length	5V500/5VX500 =	
<b>NOTE:</b> Length information values in the above table are approximate. Industry standards require that to accurately measure a belt, it must be installed on a fixture with two pulleys of prescribed dimension and tensioned to a specific value. Accurate values cannot be measured by hand on a free length of belt.			

### WRAPPED V-BELT



### RAW EDGE V-BELT



#### BELT CONSTRUCTION

- Rubberized Fabric Cover** Cover envelops entire belt and protects the belt core.
- Top Fabric** Provides heat & oil resistance.
- Load Carrying Section** Cords/Tensile Members give ability to transmit power and ensure uniform load distribution.
- Compression Section** Elastomer resists compression fatigue and dissipates internal heat build-up. Provides firm lateral pressure against sheave/pulley sidewall and distributes the load to the cords.
- Precision Molded Cogs** Provides additional flexibility, allows for use of smaller pulley diameters, aids in heat dissipation.

Note: All belt size dimensions in this publication are nominal.



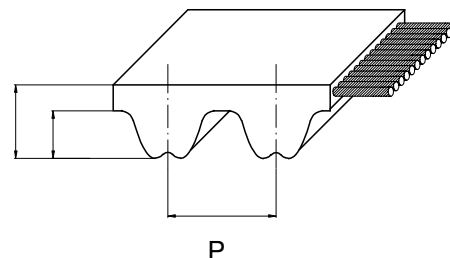
## SYNCHRONOUS BELTS

The terms synchronous belt and timing belt are used interchangeably in the power transmission industry. Technically speaking, "timing belt" refers to the trapezoidal tooth standard timing belt. Standard timing belts represent the original, older tooth profile technology. Newer, improved tooth profiles (curvilinear and parabolic) combined with superior upgraded tensile members (cord) and compounds exceed the performance of standard timing belt allowing much higher horsepower and torque to be transmitted, often in a smaller, more compact, overall drive space. The drive space can be more compact with curvilinear and parabolic belts because their higher horsepower capabilities allow the use of a narrower belt width.

Megadyne Synchronous Belts							
Belt Type	Power Rating	Tooth Profile	Pitch Codes/Tooth Pitch (mm)				Anti-Static Properties
RPP®	high torque	parabolic	3M	5M	8M	14M	---
RPP® Silver2	extra high torque	parabolic	---	---	8MS	14MS	*yes
RPP® Gold	super high torque	parabolic	---	**5MG	8MG	14MG	*yes
RPC Platinum	ultra high torque	parabolic	---	---	PLT8	PLT14	---
* Conforms to ISO 9563 standard for anti-static properties ** RPP Gold in 5 mm pitch (5MG) is available upon request All dimensions of Metric Synchronous belts are expressed in millimeters (pitch length, tooth pitch, width)							

Synchronous belts are identified by tooth profile (the shape of the tooth) and tooth pitch.  
Tooth pitch (P) is the distance between two adjacent belt teeth.

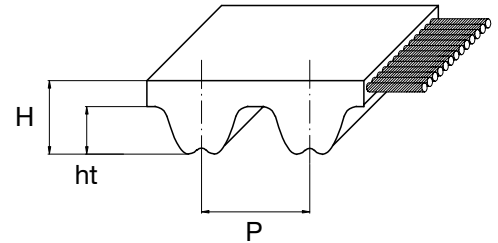
Pitch Code	Tooth Pitch "P"
	(mm)
3M	3
5M	5
8M	8
14M	14



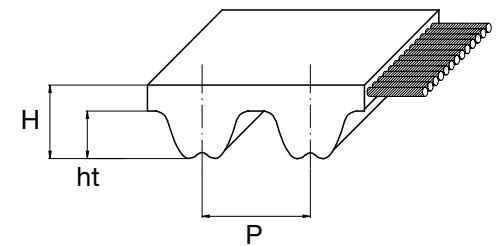
Note: All belt size dimensions in this publication are nominal.

# Synchronous Belt - Tooth Profile Dimensions

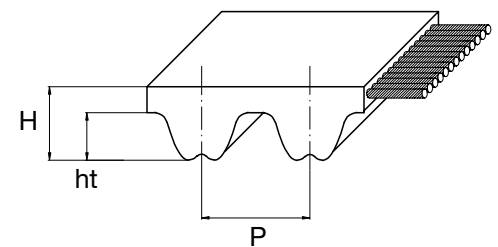
RPP (parabolic)					
Belt Dimensions (mm)		RPP3	RPP5	RPP8	RPP14
Pitch	P	3	5	8	14
Tooth Height	ht	1.15	2.00	3.20	6.00
Belt Height	H	2.40	3.80	5.40	9.70



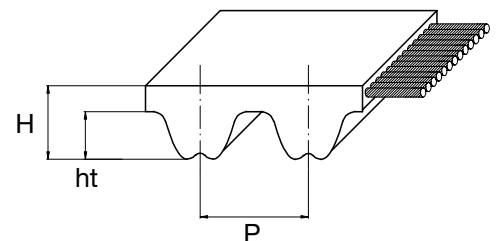
RPP Silver 2 (parabolic)				
Belt Dimensions (mm)		Silver 5M	Silver2 8M	Silver2 14M
Pitch	P	5	8	14
Tooth Height	ht	2.00	3.20	6.00
Belt Height	H	3.80	5.40	9.70



RPP Gold (parabolic)				
Belt Dimensions (mm)		Gold 5M	Gold 8M	Gold 14M
Pitch	P	5	8	14
Tooth Height	ht	2.00	3.20	6.00
Belt Height	H	3.80	5.40	9.70



RPC Platinum (parabolic)			
Belt Dimensions (mm)		Platinum 8M	Platinum 14M
Pitch	P	8	14
Tooth Height	ht	3.46	6.10
Belt Height	H	5.40	9.70



# V-Belt Failure Analysis

## Exposure to Oil & Grease



**Cause:** Belt swelling, exterior softness and bottom envelope seam to open/split.

**Remedy:** Splash Guards, don't over-lubricate, clean belts/sheaves.

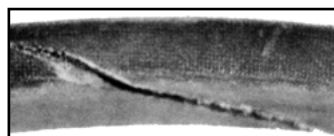
## Weathering or "Crazing"



**Cause:** Belt drive elements, as well as aggravation by small sheaves.

**Remedy:** Check tension, provide drive protection and replace belt(s).

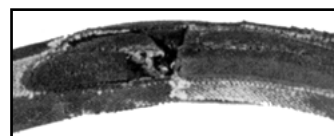
## Cut Bottom & Sidewall



**Cause:** Belt being pinched over sheave during installation, as cut above indicates.

**Remedy:** Use proper length belts and tension properly when installing.

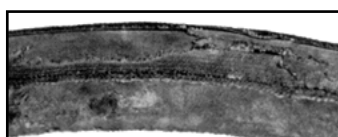
## Severe Localized Wear



**Cause:** Spin burn caused by a frozen or locked drive sheave not able to turn freely.

**Remedy:** Determine that drive components turn freely and, if necessary, tighten belt.

## Rough Sheave Sidewalls



**Cause:** Constant slippage due to belt being misaligned on worn sheaves.

**Remedy:** Use correct belt size. Align or replace sheaves.

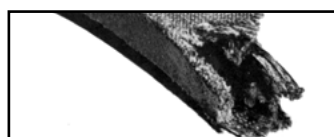
## Broken Belt



**Cause:** Rough sheaves and dust build-up cause belt failure and severe envelope wear.

**Remedy:** Shield the drive.

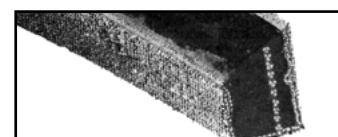
## Snub Break



**Cause:** Cover wear indicates slippage and clean break reveals sudden snap due to non-proper drive tensioning.

**Remedy:** Maintain proper drive tension.

## Abrasion



**Cause:** Sidewall wear a result of foreign material and rust in sheaves. Belt dropped to bottom of sheave groove.

**Remedy:** Use Dust guards to prevent abrasion.

## Worn Side Pattern



**Cause:** Worn or misaligned sheaves.

**Remedy:** Retension drive to stop slipping, realign sheaves (replace if needed), replace belt if incorrect size.

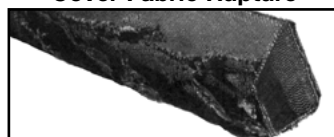
## Oil Deterioration



**Cause:** Rubber softened by excessive oil exposure, causing deterioration.

**Remedy:** Use splash guards to protect drive against oil contamination.

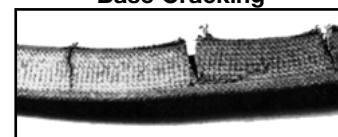
## Cover Fabric Rupture



**Cause:** Fabric cover ruptured during installation due to belt being pinched over belt sheave.

**Remedy:** Verify proper installation of belts.

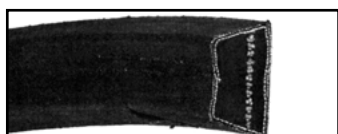
## Base Cracking



**Cause:** Insufficient tension. Slippage causes heat build-up and belt degradation.

**Remedy:** Install new belt with proper installation tension.

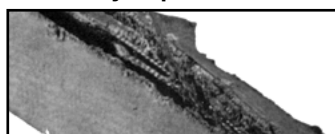
## Distorted Belt



**Cause:** Distortion caused by broken cords or adhesion breakdown.

**Remedy:** Avoid prying on belts. Check sheaves for recommended diameters.

## Ply Separation



**Cause:** Split along ply line indicating belt ran on too small diameter of sheave.

**Remedy:** Install a cogged type belt.

## Ruptured Belt



**Cause:** Ruptured cords in the plies, caused by high shock load on foreign object between belt and sheave groove.

**Remedy:** Check tension and shield the drive from external debris

## Slip Burn



**Cause:** Belt slips under load.

**Remedy:** Replace belt and tighten drives until slipping stops.

## PULLEY INSPECTION

To assure maximum service from a drive, use the Megadyne Sheave Gauge (fig. 1) to inspect sheaves every time a belt is replaced.

- Inspect for burrs or rough spots along the sheave rim.
- Check to make sure side walls are not dished out (Fig. 2). On multiple belt drives, it is essential that all grooves have no wear. Wear on one groove alone will create “differential driving” and is equivalent to running a mis-atched set of belts.
- Check for shiny grooves in pulley. Shiny grooves indicate a worn spot that will wear replacement belt.
- Check the alignment of pulleys and that the shafts are parallel.
- Failure to replace worn sheaves results in poor performance, low efficiency and premature failure of the drive belt.

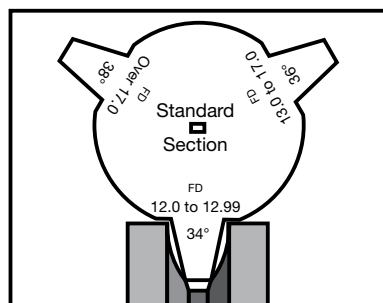


figure 1

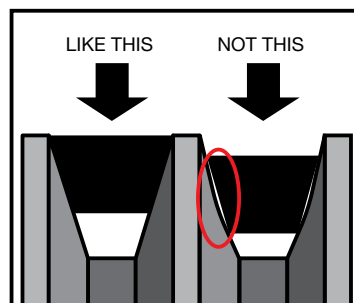


figure 2

### Sheave Gauge

Can be used to determine both Sheave and Belt size.  
Check for sheave wear to determine when a replacement is necessary.

**PART NUMBER: G001**



All items subject to minimum order requirements.



# V-BELT TENSIONING

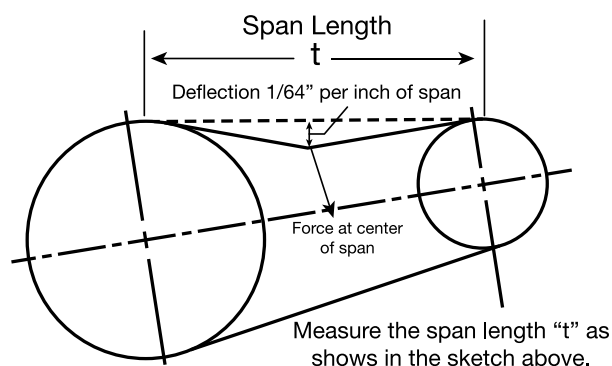
## SIMPLIFIED TENSIONING PROCEDURE

V-belt tensioning adjustment can be made using a tension gauge or other type spring scale, using the following procedure.

After seating the belts in the groove and adjusting center distance so as to take up slack in the belts, further increase the tension until only a slight bow on the slack side is apparent while the drive is operating under load.

Stop the drive and, using the gauge, measure the force necessary to depress one of the center belts 1/64-inch for every inch of belt span (see sketch below).

For example, a deflection for a 50-inch belt span is 50/64ths, or 25/32-inch. The amount of force required to deflect the belt should compare with the deflection forces noted in the Standard V-Belt Tensioning Table. Also notice for V-belts the deflection forces vary from the initial "run-in" values, which are greater (reflecting higher run-in tensioning) to the "normal" values for after the run-in period.



**Simplified Tensioning Procedure  
V-Belt Deflection Force Table**

Belt Cross Section	Smaller Pulley Diameter Range (inch)	Deflection Force		Weight kg/m	
		Run-In	Normal		
		(lbs.)	(lbs.)	Single	Banded weight per rib
<b>A</b>	3.0 3.6	3.375	2.25	0.13	---
	3.8 4.8	4.25	2.875		
	5.0 7.0	5.125	3.375		
<b>AX</b>	3.0 3.6	4.125	2.75	0.12	---
	3.8 4.8	5	3.25		
	5.0 7.0	6	4		
<b>B</b>	3.4 4.2	4	2.625	0.19	0.27
	4.4 5.2	6	4		
	5.4 9.4	7.125	5.25		
<b>BX</b>	3.4 4.2	5.25	3.5	0.19	---
	4.4 5.2	7.125	4.75		
	5.4 9.4	9	6		
<b>C</b>	7.0 9.0	11.25	7.5	0.33	0.42
	9.5 16.0	15.75	10.5		
<b>CX</b>	7.0 9.0	13.5	9	0.31	---
	9.5 16.0	17.5	11.75		
<b>D</b>	12.0 16.0	24.5	16.5	0.64	---
	18.0 22.0	33	22		
<b>E</b>	21.6 27.0	48	32	0.98	---
<b>3V</b>	3.40 4.20	6	4	0.08	0.12
	4.20 10.6	7	5		
<b>3VX</b>	2.20 3.65	7	5	0.070	0.09
	4.12 10.6	8	6		
<b>5V</b>	7.10 10.9	16	10	0.20	0.30
	11.8 16.0	20	12.5		
<b>5VX</b>	4.40 10.9	18	12	0.18	0.23
	11.8 16.0	22	15		
<b>8V</b>	12.5 17.0	36	22.5	0.59	0.70
	18.0 22.4	40	25		

### Note:

For drives with shock loading or other unusual conditions, the tension may have to be increased for proper operation of the drive. If the belt slips, tighten the belt. Utilization of this simplified tension procedure may not result in optimum belt life due to the static tension being less accurate than static tension calculated based on the horsepower. When greater accuracy is required on critical drives refer to Megadyne technical manual or contact Application Engineering.

## TECHNICAL DATA

# TROUBLESHOOTING V-BELT DRIVES

[illegible]

# TROUBLESHOOTING SYNCHRONOUS DRIVES

PROBLEM	POSSIBLE CAUSE															CORRECTIVE ACTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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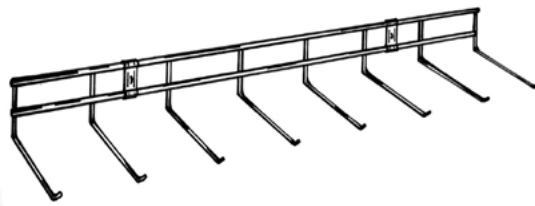
## BELT ACCESSORIES



### V-Belt Display

Display up to 184 belts at once. 46 hooks hold up to four belts each. Display height is 30", width 42", 25" deep. Includes header sign and bracket accessories for easy set-up.

**PART NUMBER:**  
**WFD-42**



### V-Belt Wall Rack

36" long mounting rack with eight 8" hooks provided. Includes two brackets for quick, easy, durable mounting.

**PART NUMBER: WHD-7**



### Sheave Gauge

Can be used to determine both Sheave and Belt size. Check for sheave wear to determine when a replacement is necessary.

**PART NUMBER: G001**



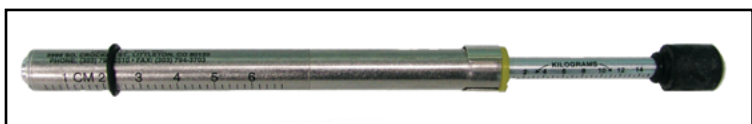
### 110" Belt Measurer

Measures all size industrial v-belts up to 110" in ranges of 3/8", 1/2" and 5/8" accurately and efficiently.

**PART NUMBER: 32-9108**



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)



### Tension Tester Gauge

Assures proper belt tension and installation.

**PART NUMBER: TESTER**



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov)



### DTM-MICRO Tension Meter

- Tensioning by means of measuring frequency is considered the optimum method to achieve precision belt tension. Measurement is obtained by striking the top belt strand of a tensioned belt drive (like plucking the string of a guitar). The drive is then either tightened or loosened to arrive at a calculated frequency that corresponds to the correct tension
- The DTM-MICRO from Megadyne is a compact, precise and affordable measurement tool that allows the user to set accurate drive tension every time.

**PART NUMBER: DTM-MICRO**





## NOTES

## TERMS, CONDITIONS AND LIMITED WARRANTY OF SALE

All prices, terms and conditions of sale are subject to change without prior notice. Buyer agrees to all terms and conditions of seller upon the placement of any and all purchase orders.

### GENERAL

- All orders are subject to a minimum charge of \$25.00
- All claims must be made within seven (7) days of receipt of merchandise.
- The company reserves the right at all times to reject any and all orders for any reason.

### PAYMENT TERMS

- Net 30 days (to approved and qualified accounts)
- We reserve the right to hold shipments against past due accounts.
- Seller may require full or partial payment in advance if, in its sole judgement, the financial condition of the buyer does not justify the terms specified.
- All past due accounts are subject to a late payment charge of 1.5% per month, or maximum allowed by law if different, along with the expenses incidental to collection including reasonable attorney's fees
- Returned checks are subject to a minimum \$50.00 charge.

### ACCEPTANCE, ALTERATION AND CANCELLATION OF ORDERS

Orders for other than standard items or standard lengths may not be cancelled after purchase has been committed, production scheduled or any costs incurred.

### RETURN OF DEFECTIVE MERCHANDISE

Defective or failed material to be held at the buyer's premises until authorization has been granted by seller to return or dispose of merchandise. Merchandise to be returned for final inspection must be returned Freight Prepaid in the most economical way. Credit will be issued for material found to be defective upon our inspection based on prices at time of purchase.

### MERCHANDISE SHIPPED IN ERROR

Buyer must notify seller immediately on any merchandise shipped in error. Upon notification, merchandise is to be returned to seller either via truck on a Freight Collect basis, via carrier of our choice, or via UPS on a Freight Prepaid basis. Buyer will be reimbursed for cost of merchandise, plus any additional freight which may have been incurred due to shipping error.

### MERCHANDISE ORDERED IN ERROR

Standard packaged merchandise only may be returned, provided that the merchandise is in the original buyer's possession not more than 30 days. If merchandise is accepted for return, merchandise must be returned Freight Prepaid, and buyer will be charged a minimum of 15% rehandling charge, plus a chargeback for outbound freight charges if the original order was shipped prepaid. Returns are not accepted for any merchandise that is specifically manufactured to meet the buyer's requirement of either specifications or large quantity.

### DELIVERY, DAMAGES, SHORTAGES

Delivery to the initial common carrier shall constitute the delivery to the buyer. Our responsibility, insofar as transportation risks are concerned, ceases upon the delivery of the merchandise in good condition to such a carrier, and all the merchandise shall be shipped at the buyer's risk.

### GOODS DAMAGED IN SHIPMENT

Upon receipt of shipment, any evidence of damage to original shipping package must be reported by the receiving party and a claim made with the delivering carrier upon receipt of shipment.

### CONCEALED DAMAGE

Any evidence of damage to material shipped, upon the opening of the original shipping package, must be reported by the receiving party to and a claim made with the delivering carrier without delay.



### LIMITED WARRANTY

The merchandise or products sold or distributed by Megadyne America are warranted to our customers to be free from defects in material and workmanship at the time of shipment by us. All warranty claims shall be made within 90 days after we have shipped the merchandise. Our liability hereunder is limited to the purchase price of any merchandise proved defective, or, at our option, to the replacement of such merchandise upon its authorized return to us.

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