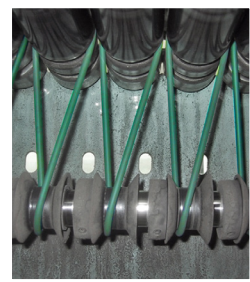
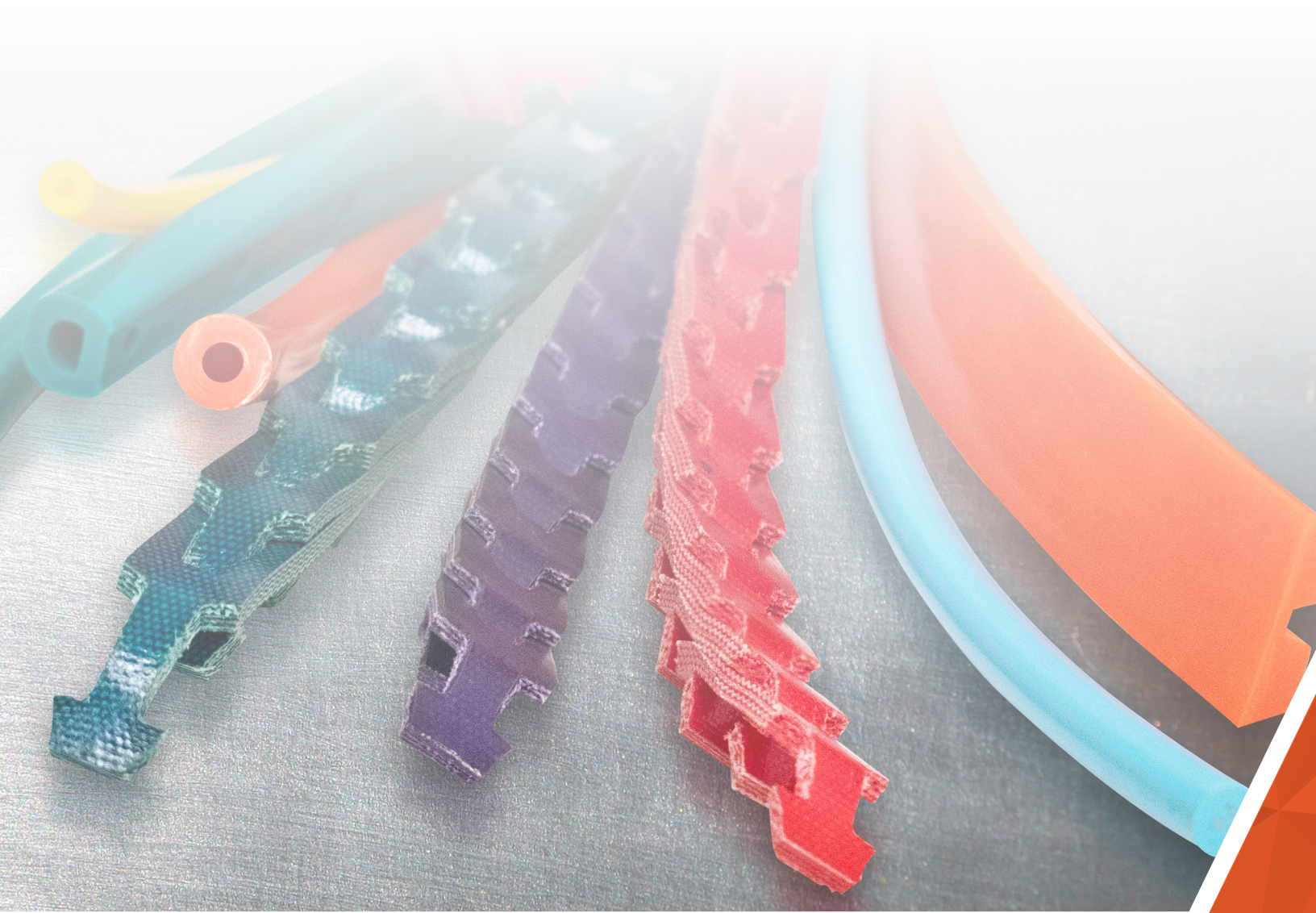


POWER TRANSMISSION & CONVEYOR BELTING



POWER TRANSMISSION SOLUTIONS



The POWERWIST® Significance

POWERWIST DRIVE®, SuperTLink® and NuTLink® belts are designed perform when black rubber belts fail. They perform as a permanent replacement for black rubber v-belt in power transmission applications. Our link belts provide time and cost saving benefits to maintenance engineers and equipment designers through longer belt life, faster installation, and increased drive efficiency.



You'll find our POWERWIST belts in the following markets:

- Climate Control
- Data Centers
- Distribution Centers
- Livestock Farming
- Glass
- Meat Processing
- Mining & Aggregate
- Packaging
- Tile
- Wood Processing

CONVEYING SOLUTIONS



The POWERWIST MOVE® Resilience

POWERWIST MOVE link belts install in minutes without dismantling conveyor components with no welding required. These link belts are unaffected by extreme temperatures, water, oils, grease, and common chemicals. Whether your application requires reduced contact surface, high grip, abrasion resistance, non-marking, high temperature, oil, and chemical resistance, there's a Fenner Drives link belt to meet your need.

Our POWERWIST MOVE link belts are often found in these markets:

- Distribution Centers
- Glass
- Food Processing
- Meat Processing
- Packaging
- Tile



The Eagle® Polyurethane Importance

Eagle polyurethane belts are the backbone of our conveying portfolio. Our comprehensive range of high quality non-reinforced and reinforced belting in round and V profiles can be used in endless applications. We offer over 400 FDA compliant products and our belts are available with special top surfaces. Our custom design capabilities include special profiles, dual durometer, static dissipative, UV stabilized, tracking features, and ridged profiles.

Our Eagle polyurethane belts are found in many markets including:

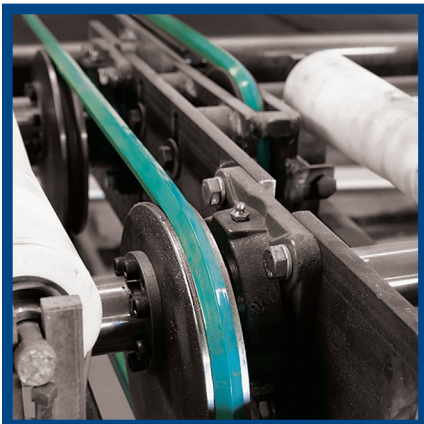
- Distribution Centers
- Food Processing
- Gypsum
- Meat Processing
- Packaging
- Tile



The Trackstar® Appeal

Trackstar long-wearing UHMW Belt & Chain Guides fight friction and reduce costs by increasing the life of your belts or chains. We offer wide range of standard profiles for use in guiding belts, chain, and cables. Our two-piece guide and channel design simplify installation and replacement and many profiles are available from stock with same-day shipping.

- Distribution Centers
- Food Processing
- Glass
- Gypsum
- Meat Processing
- Packaging
- Tile



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		2mm	2.4mm	3mm	4mm	5mm	6mm	6.3mm	7mm	8mm	9mm	9.5mm	10mm	12mm	12.7mm	13mm	14mm	15mm	16mm	18mm	19mm	20mm	
				3/32"	1/8"		3/16"		1/4"		5/16"		3/8"		1/2"		9/16"		5/8"		3/4"		
Non-Reinforced Belting	POWERTWIST MOVE® Link Belting									●		●			●		●					●	
	Eagle® Blue 80 EC*	●		●	●	●	●	●		●		●	●										
	Eagle Clear 80 EC*	○		○	○	○	○	○		○		○	○										
	Eagle Blue 80 MD*					●	●	●		●		●	●		●	●		●	●				
	Eagle Opaque 80	○		○	○	○	○	○		○		○	○					○					
	Eagle Blue 85*			●	●	●	●	●		●		●	●					●					
	Eagle Clear 85*	○	○	○	○	○	○	○	○		○	○	○		○		○		○		○		○
	Eagle Orange 85*	●	●	●	●	●	●	●	●		●	●	●		●		●		●		●		●
	Eagle Orange 89 SureConnect™											●			●		●					●	
	Eagle Red 85*				●	●										●							
	Eagle Green 89	●		●	●	●	●		●	●		●	●	●					●		●		●
	Eagle Green 89 T	●		●	●	●	●		●	●	●		●	●					●		●		●
	Eagle Green 89 T SureConnect™												●	●					●		●		●
	Eagle Red 90	●		●	●	●	●		●	●	●		●	●	●	●		●	●				
	Eagle Beige 95*					●				●			●						●				
	Eagle Clear 95*		○	○		○		○		○		○				○		○		○		○	
	Eagle White 40D			○	○	○	○			○			○						○		○		○
	Eagle Blue 55D												●						●		●		
	Eagle Blue 80 EC QC*					●	●			●		●											
	Eagle Blue 85 QC*					●	●			●		●	●										
	Eagle Clear 85 QC*					○	○	○		○		○				○	○			○			
	Eagle Red 85 QC					●	●			●		●	●			●			●		●		
	Eagle Yellow 85 QC*					●		●		●		●				●			●				
	Eagle Clear 85 TOR					○																	
Reinforced	Eagle Orange 85 R*						●	●		●		●	●	●	●		●	●				●	
	Eagle Hyfen 85 R*					●		●		●		●			●		●		●		●		
	Eagle Green 89 R					●	●		●	●		●	●					●		●			
	Eagle Green 89 RT					●	●		●	●		●	●					●		●			
	Eagle Beige 95 R*									●			●						●				
	Eagle Can Cable†											●											
Eagle Fabricated Belts	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Abbreviation Key

CXF	Co-extruded Flat
CXR	Co-extruded Ribbed
EC	Regulation (EC) 1935/2004
LCF	Low Coefficient of Friction
MD	Metal Detectable
PU	PolyUrethane
PVC	PolyVinyl Chloride
QC	Quick-Connect

R	Reinforced
RCS	Reduced Contact Surface
RSGT	Reinforced SuperGrip Top
RT	Reinforced Textured
SGT	SuperGrip Top
T	Textured
TOR	Twisted O-Rings
TPE	ThermoPlastic Elastomer

- Not all product in-stock, please call for availability.
- Some diameters and cross sections may be subject to minimum orders. Dimensions are for reference only.
- Flat belting available in Eagle Orange 85. Additional cross sections, colors, and durometers are available.
- Contact Applications Engineering at AE@fennerdrives.com for design assistance.

BELTING SELECTION

V BELTING

6mm x 4mm	8mm x 5mm	10mm x 4mm T-Top	3L	3L T-Top	3L Crown-Top	3L Twin	Z/10	A/13	AA	A Twin	A/13 Lo-Ridge-Top	A/13 Ridge-Top	A/13 Hi-Ridge-Top	B/17	BB	B/17 Ribbed	B/17 Wing-Top	B/17 Ridge-Top	C/22	C/22 Ribbed	C/22 Ridge-Top	D/32	D/32 Ribbed		
																									POWERTWIST MOVE® Link Belting
																									POWERTWIST MOVE Bridge Top™
																									POWERTWIST MOVE SGT PU
																									POWERTWIST MOVE SGT PVC
																									POWERTWIST MOVE RCS
																									POWERTWIST MOVE Friction Top®
																									POWERTWIST Antistatic¶
																									POWERTWIST Roller Drive™
																									Eagle® Blue 80 EC*
																									Eagle Clear 80 EC*
																									Eagle Blue 80 MD*
																									Eagle Opaque 80
																									Eagle Blue 85*
																								Eagle Clear 85*	
																									Eagle Ivory 85
																									Eagle Orange 85*
																									Eagle Red 85*
																									Eagle Green 89
																									Eagle Red 90
																									Eagle Beige 95*
																									Eagle Clear 95*
																									Eagle White 40D
																									Eagle Blue 55D
																									Eagle Red 85 CXF
																									Eagle Ivory 85 SGT
																									Eagle Green 89 SGT PVC
																									Eagle Red 90 SGT PVC
																									Eagle White 40DSGT PVC
																									Eagle Opaque 80 R
																									Eagle Orange 85 R*
																									Eagle Hyfen 85 R*
																									Eagle Ivory 85 R
																									Eagle Green 89 R
																									Eagle Beige 95 R*
																									Eagle Hyfen 95 R*
																								Eagle Hyfen 85 CXF/CXR	
																									Eagle Ivory 85 RSGT‡
																									Eagle Fabricated Belts

* These belts are FDA compliant (unless cogged).

† Can Cable available in Red 50D LCF, Blue 55D, Blue 55D Aramid, Natural 55D, Green 63D, and Natural 63D.

‡ Eagle Ivory 85 SGT and RSGT available with PVC, PU or TPE top surface.

¶ ISO 1813:1998 inspected and certified by Fenner Drives.

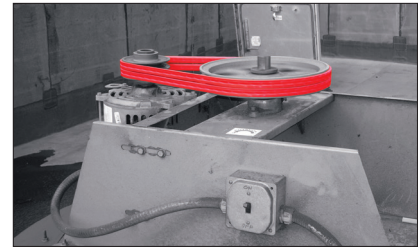
POWERTWIST DRIVE®, SuperTLink®, and NuTLink® V-Belting

- Provide time and cost saving benefits to maintenance engineers and equipment designers
- Longer belt life in even the harshest environments
- Easier, faster installation without tear-downs or struggling with motor bases
- Install on captive drives and fixed center drives
- Make matching sets
- Better drive efficiency due to minimal belt elongation
- Reduced noise, longer bearing life due to low belt vibration



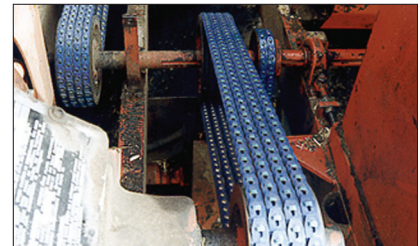
Product	Color	Compliance	Material	Temperature Range	
				°F	°C
POWERTWIST DRIVE	Red (classical)	RoHS, Reach	Composite Polyester/Polyurethane	-40 to +240	-40 to +116
POWERTWIST DRIVE	Blue (wedge)	RoHS, Reach	Composite Polyester/Polyurethane	-40 to +240	-40 to +116
POWERTWIST Ground Round®	Red	RoHS, Reach	Composite Polyester/Polyurethane	-40 to +240	-40 to +116
POWERTWIST Antistatic™ *	Blue	RoHS	Composite Polyester/Polyurethane	-40 to +240	-40 to +116

* ISO 1813:1998 inspected and certified by Fenner Drives.



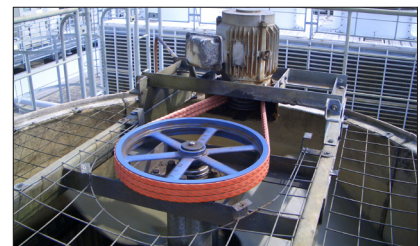
Product	Color	Compliance	Material	Temperature Range	
				°F	°C
SuperTLink®	Blue	RoHS	Composite Polyester/Polyurethane Steel Rivets	-40 to +240	-40 to +116

* ISO 1813:1998 inspected and certified by Fenner Drives.



Product	Color	Compliance	Material	Temperature Range	
				°F	°C
NuTLink®	Orange	RoHS	Composite Polyester/Polyurethane Steel Rivets	-40 to +240	-40 to +116

* ISO 1813:1998 inspected and certified by Fenner Drives.





POWERWIST DRIVE® Link Belting



Classical Cross Section

POWERWIST DRIVE LINK BELTING	Classical Cross Section	Nominal Width		Part Numbers						Minimum Pulley Ø		Ride Height Above Rim				
		inches	mm	5' Sleeve	6' Sleeve	2m Sleeve	25'	100'	10m	30m	inches	mm	Min(in.)	Max(in.)	Min(mm)	Max(mm)
POWERWIST DRIVE	3L	3/8	10	0418010SL			0405010	0408010			2.00	51	0.12	0.17	3.0	4.2
POWERWIST DRIVE	Z/10	3/8	10			04100202			0410020	0418023	1.78	45	0.14	0.20	3.6	5.2
POWERWIST DRIVE	A/4L/13	1/2	13	0418030SL		04090502M	0405030	0408030	0410030	0418033	3.00	80	0.08	0.16	2.1	4.0
POWERWIST DRIVE	B/5L/17	5/8	17		0418050SL	04090302M	0405050	0408050	0410050	0418053	5.00	125	0.14	0.22	3.4	5.6
POWERWIST DRIVE	C/22	7/8	22				0405070	0408070	0410070	0418073	9.00	229	0.07	0.22	1.8	5.6

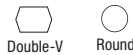
POWERWIST DRIVE® Wedge Link Belting



Wedge Cross Section

POWERWIST DRIVE LINK BELTING	Wedge Cross Section	Nominal Width		Part Numbers				Minimum Pulley Ø		Ride Height Above Rim			
		inches	mm	5m	25'	100'	20m	inches	mm	Min(in.)	Max(in.)	Min(mm)	Max(mm)
POWERWIST DRIVE	3V	3/8	10		0460025	0460000		2.65	67	0.18	0.30	4.5	7.5
POWERWIST DRIVE	5V	5/8	17		0460125	0460100		5.50	140	0.20	0.44	5.0	11.0
POWERWIST DRIVE	SPZ	3/8	10	0460616			0460666	2.65	67	0.18	0.30	4.5	7.5
POWERWIST DRIVE	SPA	1/2	13	0460716			0460766	3.55	90	0.16	0.41	4.1	10.3
POWERWIST DRIVE	SPB	5/8	17	0460816			0460866	5.50	140	0.20	0.44	5.0	11.0

POWERWIST® Specialty Link Belting



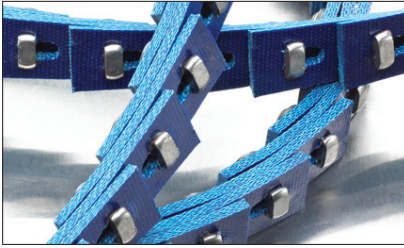
Cross Section

POWERWIST SPECIALTY LINK BELTING	Cross Section	Nominal Width		Part Numbers				Minimum Pulley Ø	
		inches	mm	25'	100'	10m	30m	inches	mm
POWERWIST Antistatic™	A/4L/13	1/2	13	0408505	0408501	040850010	0408500	3.00	80
POWERWIST Antistatic	B/5L/17	5/8	17	0408605	0408601	040860010	0408600	5.00	125
POWERWIST Double-V™	AA	1/2	13	0405230	0408230		0419230	3.00	80
POWERWIST Double-V	BB	5/8	17	0405250	0408250		0419250	5.00	125
POWERWIST Double-V	CC	7/8	22	0405270	0408270		0418270	9.00	229
POWERWIST Ground Round®	5/16"	5/16"	8	04051050	04081050		04191050	2.00	51
POWERWIST Ground Round	3/8"	3/8"	10	04051060	04081060		0419110	3.00	76
POWERWIST Ground Round	1/2"	1/2"	13	04051040	04081040		0419120	3.00	76
POWERWIST Ground Round	9/16"	9/16"	14	04051070	04081070		04151070	5.50	140
POWERWIST Ground Round	3/4"	3/4"	19		04081080		0415110	8.50	216



Force Deflection Gauge

Part Number	Max Belt Deflection (in)	Max Belt Deflection (cm)	Pounds	Kilograms
5700253	0 - 3 in	0 - 7.5 cm	0 - 35 lbs	0 - 16 kg



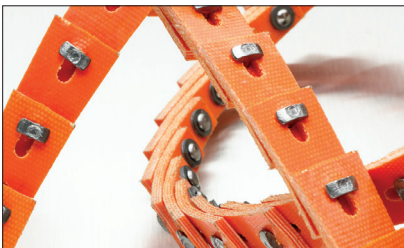
SuperTLink® Belting



Wedge

Wedge Cross Section

SUPERLINK BELTING	Wedge Cross Section	Nominal Width		Part Numbers				Minimum Pulley Ø		Ride Height Above Rim				
		inches	mm	5m	25'	100'	20m	inches	mm	Min(in.)	Max(in.)	Min(mm)	Max(mm)	
SuperTLink	3V	3/8	10			0407025	0407100		2.80	71	0.18	0.40	4.6	10.0
SuperTLink	5V	5/8	17			0417025	0417100		5.50	140	0.06	0.20	1.4	5.1
SuperTLink	SPZ	3/8	10	L02Z5N				L02Z20N	2.80	71	0.18	0.40	4.6	10.0
SuperTLink	SPA	1/2	13	L02A5N				L02A20N	3.55	90	0.14	0.36	3.6	9.1
SuperTLink	SPB	5/8	17	L02B5				L02B20	5.50	140	0.06	0.20	1.4	5.1
SuperTLink	SPC	7/8	22	L02C5				L02C20	8.82	224	0.05	0.33	1.3	8.4
TLink Installation Tool	L02NT10	(10pk)												



NuTLink® Belting



Classical Cross Section

NUTLINK BELTING	Classical Cross Section	Nominal Width		Part Numbers		Minimum Pulley Ø		Ride Height Above Rim			
		inches	mm	5m	20m	inches	mm	Min(in.)	Max(in.)	Min(mm)	Max(mm)
NuTLink	Z/10	3/8	10	L01Z5	L01Z20	1.78	45	0.06	0.18	1.6	4.6
NuTLink	A/13	1/2	13	L01A5	L01A20	3.00	80	0.08	0.31	2.0	7.8
NuTLink	B/17	5/8	17	L01B5	L01B20	5.00	125	0.09	0.37	2.2	9.3
NuTLink	C/22	7/8	22	L01C5	L01C20	9.00	229	0.00	0.23	0.1	5.8
TLink Installation Tool	L02NT10	(10pk)									

Round Belting

Round belts are commonly run in pulleys with a round groove; see Figure 1a. In the absence of round groove pulleys, they can also be used in V-groove pulleys (Figure 1b). The table at right shows the dimensional data for a round belt used in a V-groove pulley.

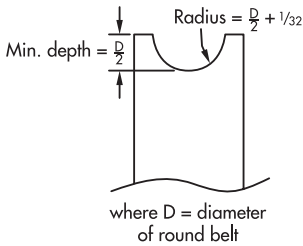


Figure 1a

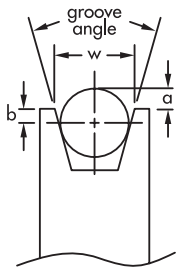


Figure 1b

Note: above dimensions are belt fit in groove under no tension. Dimensions in inches unless otherwise indicated.

Pulley Size	Pulley Diameter (inches)	Groove Angle	Round Belt	Dimensions (inches)		
				w	a	b
2L	Under 1.50"	32°	3/16"	.240	.010	.084
	1.50" to 1.99" O.D.	34°	3/16" 1/4"	.243 .243	.016 .153	.078 -.028
2L	2.00" to 2.50" O.D.	36°	3/16"	.246	.020	.074
			1/4"	.246	.151	-.026
2L	Over 2.50" O.D.	38°	3/16"	.250	.020	.074
			1/4"	.250	.146	-.021
3L	Under 2.20" O.D.	32°	1/4"	.360	-.049	.174
			5/16"	.360	.094	.062
3L	2.20" to 3.19" O.D.	34°	1/4"	.364	-.043	.168
			5/16"	.364	.094	.062
3L	3.20" to 4.20" O.D.	36°	1/4"	.368	-.037	.062
			5/16"	.368	.095	.061
3L	Over 4.20" O.D.	38°	1/4"	.372	-.031	.156
			5/16"	.372	.095	.061
A/13	2.60" to 5.40" D.D.	34°	5/16"	.494	-.118	.274
			3/8"	.494	.019	.168
			1/2"	.494	.297	-.047
A/13	Over 5.40" D.D.	38°	5/16"	.504	-.097	.253
			3/8"	.504	.030	.157
			1/2"	.504	.286	.036
B/17	4.60" to 7.00" D.D.	34°	1/2"	.637	.062	.188
			9/16"	.637	.199	.082
			5/8"	.637	.340	-.027
B/17	Over 7.00" D.D.	38°	1/2"	.650	.074	.176
			9/16"	.650	.200	.081
			5/8"	.650	.331	-.018
C/22	7.00" to 7.99" D.D.	34°	5/8"	.879	-.056	.369
			3/4"	.879	.218	.157
C/22	8.00" to 12.00" D.D.	36°	5/8"	.887	-.041	.354
			3/4"	.887	.222	.153
C/22	Over 12.00" D.D.	38°	5/8"	.895	-.027	.340
			3/4"	.895	.226	.149

V Belting

V belts in "classical" A, B, C, D and light duty 3L cross sections are designed to fit RMA compliant pulleys as per the groove details illustrated in Figure 2.

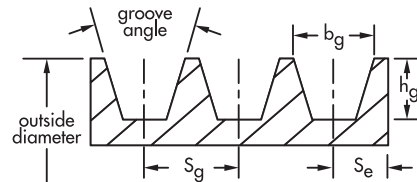


Figure 2

Cross Section	Datum Diameter Range	Groove Angle	bg (inches)	hg min (inches)	Sg (inches)	Se (inches)
A/13	Up thru 5.4"	34° ±0.33°	.494 ±.005	.460	.625 ± .025	.375 +.090 -.062
	Over 5.4"	38° ±0.33°	.504 ±.005			
B/17	Up thru 7.0"	34° ±0.33°	.637 ±.006	.550	.750 ± .025	.500 +.120 -.065
	Over 7.0"	38° ±0.33°	.650 ±.006			
C/22	Up thru 7.99"	34° ±0.33°	.879	.750	1.000 ± .025	.688 +.160 -.070
	8.0" thru 12.0"	36° ±0.33°	.887 ±.007			
	Over 12.0"	38° ±0.33°	.895			
D/32	Up thru 12.99"	34° ±0.33°	1.259	1.020	1.438 ± .025	.875 +.220 -.080
	13.0" thru 17.0"	36° ±0.33°	1.271 ±.008			
	Over 17.0"	38° ±0.33°	1.283			
3L	2.2" thru 3.1"	34° ±0.33°	.364 ±.005	.406	.500 ± .025	.313 +.062 -.032
	3.2" thru 4.2"	36° ±0.33°				
	Over 4.2"	38° ±0.33°				

Dimensions in inches unless otherwise indicated.

Flat Belting

All flat belts have a natural tendency to move laterally. Therefore a flat or straight pulley is not recommended, as the belt would walk off the pulley. To keep the belt in the center of the pulley it must have a crown. Figure 3a illustrates a round crown and is the preferred method. A modified round crown as illustrated in Figure 3b is also acceptable. A flat pulley with guide flanges (Figure 3c) is not recommended. Even with the guide flanges the belt will move laterally and potentially could climb up onto them.

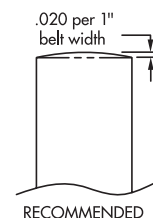


Figure 3a

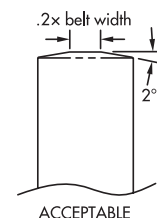


Figure 3b

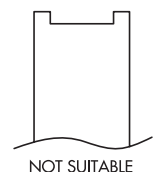


Figure 3c

Round Belting

Round belts are commonly run in pulleys with a round groove; see Figure 1a. In the absence of round groove pulleys, they can also be used in V-groove pulleys (Figure 1b). The table at right shows the dimensional data for a round belt used in a V-groove pulley.

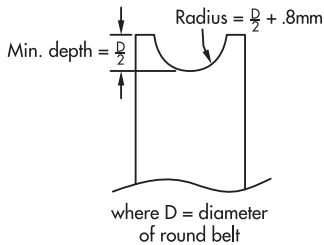


Figure 1a

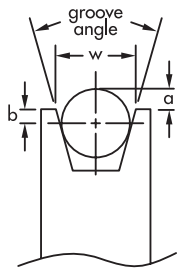


Figure 1b

Pulley Size	Pulley Diameter (mm)	Groove Angle	Round Belt	Dimensions (mm)		
				w	a	b
Z/10	Up thru 80mm	34°	7	9.7	-0.39	3.89
			8	9.7	1.82	2.18
			9.5	9.7	5.14	-0.39
Z/10	Over 80mm	38°	7	9.7	0.17	3.34
			8	9.7	2.19	1.81
			9.5	9.7	5.25	-0.50
A/13	Up thru 118mm	34°	9.5	12.7	0.23	4.52
			10	12.7	1.33	3.67
			12	12.7	5.75	0.25
A/13	Over 118mm	38°	9.5	12.7	0.90	3.85
			10	12.7	1.91	3.09
			12	12.7	5.98	0.02
B/17	Up thru 190mm	34°	12	16.3	-0.14	6.14
			15	16.3	6.50	1.00
			16	16.3	8.71	-0.71
B/17	Over 190mm	38°	12	16.3	0.76	5.24
			15	16.3	6.87	0.63
			16	16.3	8.90	-0.90
C/22	Up thru 315mm	34°	20	22	8.22	1.78
C/22	Over 315mm	38°	20	22	9.00	1.23

Note: above dimensions are belt fit in groove under no tension. Dimensions in millimeters unless otherwise indicated.

V Belting

V belts in "classical" Z/10, A/13, B/17, C/22 and D/32 cross sections are designed to fit ISO and DIN 2215 compliant pulleys as per the groove details illustrated in Figure 2.

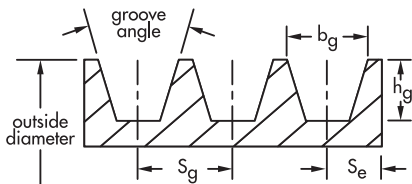


Figure 2

Cross Section	Datum Diameter Range	Groove Angle	b _g (mm)	h _g Min (mm)	S _g (mm)	S _e (mm)
Z/10	Up thru 80mm Over 80mm	34° ±1° 38° ±1°	9.7	11	12 ±0.3	8 ±0.6
A/13	Up thru 118mm Over 118mm	34° ±1° 38° ±1°	12.7	14	15 ±0.3	10 ±0.6
B/17	Up thru 190mm Over 190mm	34° ±1° 38° ±1°	16.3	18	19 ±0.4	12.5 ±0.8
C/22	Up thru 315mm Over 315mm	34° ±1° 38° ±30'	22	24	25.5 ±0.5	17 ±1.0
D/32	Up thru 500mm Over 500mm	36° ±30' 38° ±30'	32	28	37 ±0.6	24 ±2.0

Dimensions in millimeters unless otherwise indicated.

Flat Belting

All flat belts have a natural tendency to move laterally. Therefore a flat or straight pulley is not recommended, as the belt would walk off the pulley. To keep the belt in the center of the pulley it must have a crown. Figure 3a illustrates a round crown and is the preferred method. A modified round crown as illustrated in Figure 3b is also acceptable. A flat pulley with guide flanges (Figure 3c) is not recommended. Even with the guide flanges the belt will move laterally and potentially could climb up onto them.

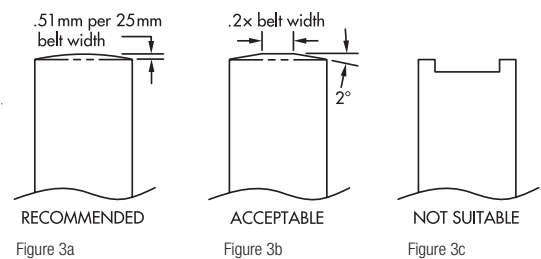


Figure 3a

Figure 3b

Figure 3c

Belt Installation Tension

All belts require a certain amount of tension to function properly in the application. The specific installation tension is determined from several factors including belt type, construction and working load. Belt details are in the Technical Data section of this catalog and working load is derived from your application.

Non-Reinforced Belting: When non-reinforced belting is stretched and released, elasticity is the property that brings the material back to its original shape. This “memory” is what gives our non-reinforced belting its self-tensioning properties. When a non-reinforced belt is first installed (stretched) the material does not return to 100% of its original length and continues to lose elasticity over its life span. This loss in elasticity is evident as tension decay. To overcome tension decay effects, a non-reinforced belt requires a relatively high install tension. Installation tensions ranging from 6% to 10% will normally be sufficient for most applications. If higher tensions are required, the application may exceed the belt’s load capacity.

Reinforced Belting: Reinforced belts contain a reinforcing tensile member which increases the belt’s modulus of elasticity. This reduces the belt’s ability to stretch and minimizes tension decay. This allows a reinforced belt to carry a greater load than a non-reinforced belt. Since an endless reinforced belt is essentially a fixed length, it cannot be stretched on like a non-reinforced belt. Consequently, reinforced belts require a mechanical take-up mechanism to apply the appropriate installation tension as well as accommodating any eventual small amount of tension decay that may occur. This mechanism should accommodate at least 4% of the belt’s length.

Belt Installation Length

In this section, we will refer to two different lengths that are defined as follows:

1. **Reference Length:** The length determined by taking a measuring tape and following the path of the belt around all of the pulleys, or through computer aided design (CAD) techniques. This length may also be obtained from the equation below. Take up mechanisms should be adjusted to the minimum position to allow for maximum adjustment of the belt prior to taking or calculating length. Note: this equation applies to two-pulley drives only.

$$L = 2C + \frac{\pi}{2} (D + d) + \frac{(D - d)^2}{4C}$$

where: L = reference length
 C = center of pulley shaft to center of pulley shaft distance
 D = pitch diameter of large pulley
 d = pitch diameter of small pulley

2. **Install Length:** The length the belt is made to prior to welding or joining.

Apply the following formulas to determine the Install Length from Reference Length:

Butt weld non-reinforced: Install Length = Reference Length ÷ (1 + % tension) Example: Reference Length for a non-reinforced belt is 44" (1120mm), requires 8% tension and will be butt welded. Install Length is calculated on right.	Install Length = 44" ÷ (1 + 8%) = 44" ÷ 1.08 = 40.7"	Install Length = 1120mm ÷ (1 + 8%) = 1120mm ÷ 1.08 = 1037mm
Overlap weld reinforced: Install Length = Reference Length + 1.5" (38mm) Example: Reference Length for a reinforced belt is 44" (1120mm) and will be overlap welded. The overlap weld consumes 1.5" (38mm) of belt length. Install Length is calculated on right.	Install Length = 44" + 1.5" = 45.5"	Install Length = 1120mm ÷ (1 + 8%) = 1158mm
Butt weld reinforced: Install Length = Reference Length Example: Reference Length for a reinforced belt is 44" (1120mm) and will be butt welded. The weld consumes a negligible amount of belt length, consequently, Install Length and Reference Length are the same. Install Length is calculated on right.	Install Length = 44"	Install Length = 1120mm
Link Belting: Install length = Reference Length minus (1 - 2%) Example: Reference Length for a link belt is 44" (1120mm). Install Length removing 2% is calculated on right. Remove links to get as close as possible to Install Length.	Install Length = 44" - (44 x .02) = 44" - 0.88" = 43.12"	Install Length = 1120mm - (1120 x .02) = 1120mm - 22.40 = 1097.60

Temperature

The temperature range of polyurethane belting is determined by the thermoplastic resin. Like all thermoplastic resins its physical properties change with changes in temperature. At higher temperatures the material will soften, lose strength and can elongate excessively to the point of premature failure. At lower temperatures the material will become more brittle and stiff which can result in cracking. The temperature ranges are for guidance and listed under each individual belt type in the Material Properties section.

Minimum Pulley Diameter

The most common serious mistake in designing belt drives is the selection of a pulley diameter that is too small. In most cases, non-reinforced belts can operate on smaller diameter pulleys than belts with a reinforcing tensile member. Reinforced belts require a larger pulley diameter to prevent premature flex fatigue failure of the tensile member. Listed under each individual belt type’s technical data is the recommended minimum pulley diameter. Smaller diameters can be used only if a reduction in belt service life is acceptable.

Engineering Data — Selection Procedure, Conveying

- Refer to the Technical Data chart for the belt material and cross section selected.
- Use the following formula that meets your application requirements (Note: if belt supported by rollers use .17 for μ):
 - Horizontal Transport with Slider Bed

$$T_e = W_t \times \mu + B_{wt}$$
 - Horizontal Transport with Slider Bed and Product Accumulation

$$T_e = W_t \times \mu + B_{wt} + A_{wt}$$
 - Incline or Decline Transport with Slider Bed

$$T_e = \frac{W_t}{C} \times (H_t + \mu \times \sqrt{C^2 + H_t^2}) + B_{wt}$$
 - Incline or Decline Transport with Slider Bed and Product Accumulation

$$T_e = \frac{W_t}{C} \times (H_t + \mu \times \sqrt{C^2 + H_t^2}) + B_{wt} + A_{wt}$$
- Determine Tight Tension (T1).
 Flat and round belts: $T1 = T_e \times 2$
 V belts: $T1 = T_e \times 1.25$
- Refer to the Technical Data chart for the material and cross section selected and compare T1 to the Working Load at maximum % tension. If only one belt is desired, T1 may not be greater than the Working Load at maximum % tension. If more than one belt is required, divide T1 by the Working Load at maximum % tension to arrive at number of belts. Round up to the nearest whole number of belts.
- Find load per belt by dividing T1 by number of belts. From the Technical Data chart, determine the percent installed tension for the load per belt.

Where:

- T_e = Effective Tension
- W_t = Total Weight on Conveyor
- C = Conveyor Center Distance
- B_{wt} = Belt weight/unit length $\times C$
- A_{wt} = Accumulating weight $\times \mu'$
(where μ' is the COF between belt and product)
- H_t = Incline or decline height
- μ = COF on slider bed material from chart

To determine the required belt length, please refer to the "Belt Installation Length" section on the previous page.

Engineering Data — Selection Example

NON-REINFORCED		Part Number	Dimensions \emptyset (mm)		Minimum Pulley \emptyset (in)		Working Load @ Percent Tension						Weight			
Color			(in)	(mm)	(in)	(mm)	4% (lbs)	4% (N)	6% (lbs)	6% (N)	8% (lbs)	8% (N)	10% (lbs)	10% (N)	lbs/ft	kg/m
Eagle® Orange 85		L040G856M	6	152.4	1.89	48	1.7	7.7	2.7	11.8	3.5	15.8	4.4	19.4	0.023	0.034
Eagle Orange 85		1032008	1/4	6.3	2	51	1.9	8.6	3	13.3	4	17.7	4.9	21.9	0.026	0.038

NON-REINFORCED Product	Hardness	FDA Compliant	Coefficient of Friction			Contact Temperature Range	
			Stainless Steel	Steel	UHMW	°F	°C
Eagle Orange 85	85A	Yes	0.70	0.60	0.45	-22 to +150	-30 to +66

Example 1

Type of belt being considered = Eagle Orange 85 in 1/4" round
 Head-to-tail center distance (C) = 10 feet
 Incline or decline = none
 Product accumulation on belt(s)? = no
 Total weight on belt(s) = 15 lbs.
 Type of belt support = UHMW slider bed

- Horizontal Transport with Slider Bed.
 Since the belt will run in UHMW slider bed the COF(μ) of .45 is used from Technical Data chart. From the chart the belt weight is .026 lbs/ft giving a total belt weight of .26 lbs (.026 \times 10').
 $T_e = 15 \text{ lbs} \times .45 + .26 = 7.01$
- Determine Tight Tension (T1).
 round belts $T1 = 7.01 \times 2 = 14.02$
- Refer to the Technical Data chart for the material and cross section selected and compare T1 to the Working Load at 10% tension.
 If only one belt is desired, T1 may not be greater than the Working Load at 10% tension. If more than one belt is required, divide T1 by the Working Load at 10% tension to arrive at number of belts. Round up to the nearest whole number of belts.
 1/4" round rated 4.9 lbs @ 10% tension. $14.02 \div 4.9 = 2.86$ use 3 belts
- Find load per belt by dividing T1 by number of belts. From the Technical Data chart, determine the percent installed tension for the load per belt.
 Load/belt = $14.02 \div 3 = 4.67$ lbs
 Corresponding installed tension = 9.7%

Example 2

Eagle Orange 85 in 6mm round
 Head-to-tail center distance (C) = 3 meters
 Incline or decline = none
 Product accumulation on belt(s)? = no
 Total weight on belt(s) = 6 kg
 Type of belt support = UHMW slider bed

- Horizontal Transport with Slider Bed.
 Since the belt will run in UHMW slider bed the COF(μ) of .45 is used from Technical Data chart. From the chart the belt weight is .034 kgs/m giving a total belt weight of .102 kg (.034 \times 3m).
 $T_e = 6 \text{ kg} \times .45 + .102 = 2.802 \text{ kg}$
- Determine Tight Tension (T1).
 round belts $T1 = 2.802 \times 2 = 5.604 \text{ kg} = 54.98 \text{ Newtons} (5.604 \times 9.81)$
- Refer to the Technical Data chart for the material and cross section selected and compare T1 to the Working Load at 10% tension.
 If only one belt is desired, T1 may not be greater than the Working Load at 10% tension. If more than one belt is required, divide T1 by the Working Load at 10% tension to arrive at number of belts. Round up to the nearest whole number of belts.
 6mm round rated 19.4 N @ 10% tension. $54.98 \div 19.4 = 2.83$ use 3 belts
- Find load per belt by dividing T1 by number of belts. From the Technical Data chart, determine the percent installed tension for the load per belt.
 Load/belt = $54.98 \text{ N} \div 3 = 18.33 \text{ Newtons}$
 Corresponding installed tension = 9.6%

Conveying - Engineering Data



NON-REINFORCED Material and Color	Hardness	Compliance	Coefficient of Friction			Contact Temperature Range	
			Stainless Steel	Steel	UHMW	°F	°C
Eagle® Blue 80 EC	80A	EC, FDA	0.80	0.70	0.55	-22 to +150	-30 to +66
Eagle Clear 80 EC	80A	EC, FDA	0.80	0.70	0.55	-22 to +150	-30 to +66
Eagle Blue 80 MD	80A	FDA	0.75	0.65	0.50	-22 to +150	-30 to +66
Eagle Opaque 80	80A	-	0.75	0.65	0.50	-22 to +150	-30 to +66
Eagle Orange 85	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Clear 85	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Ivory 85	85A	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Red 85	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Blue 85	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Green 89	89A	-	0.65	0.55	0.40	-22 to +150	-30 to +66
Eagle Green 89 Textured	89A	-	0.50	0.40	0.30	-22 to +150	-30 to +66
Eagle Green 89 T SureConnect*	89A	-	0.50	0.40	0.30	-22 to +150	-30 to +66
Eagle Orange 89 SureConnect*	89A	-	0.65	0.55	0.40	-22 to +150	-30 to +66
Eagle Red 90	90A	-	0.60	0.50	0.38	-22 to +150	-30 to +66
Eagle Beige 95	95A	FDA	0.55	0.45	0.35	-22 to +150	-30 to +66
Eagle Clear 95	95A	FDA	0.55	0.45	0.35	-22 to +150	-30 to +66
Eagle White 40D	40D	-	0.55	0.45	0.35	-22 to +176	-30 to +80
Eagle Blue 55D	55D	-	0.50	0.40	0.30	-22 to +176	-30 to +80
Eagle Blue 80 EC QC	80A	EC, FDA	0.50	0.40	0.30	-22 to +150	-30 to +66
Eagle Clear 85 QC	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Red 85 QC	85A	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Yellow 85 QC	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Blue 85 QC	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Red 85 CXF	85A Base, 60A Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Ivory 85 SGT PU	85A Base, 70A PU Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Ivory 85 SGT PVC	85A Base, 50A PVC Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Ivory 85 SGT TPE	85A Base, 55A TPE Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Green 89 SGT PVC	89A Base, 50A PVC Top	-	0.65	0.55	0.40	-22 to +150	-30 to +66
Eagle Red 90 SGT PVC	90A Base, 50A PVC Top	-	0.60	0.50	0.38	-22 to +150	-30 to +66
Eagle White 40D SGT PVC	40D Base, 50A PVC Top	-	0.55	0.45	0.35	-22 to +150	-30 to +66
REINFORCED Material and Color	Hardness	Compliance	Coefficient of Friction			Contact Temperature Range	
			Stainless Steel	Steel	UHMW	°F	°C
Eagle Opaque 80	80A	-	0.75	0.65	0.50	-22 to +150	-30 to +66
Eagle Orange 85	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Hyfen 85	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Ivory 85	85A	FDA	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Green 89	89A	-	0.65	0.55	0.40	-22 to +150	-30 to +66
Eagle Green 89 Textured	89A	-	0.50	0.40	0.30	-22 to +150	-30 to +66
Eagle Beige 95	95A	FDA	0.55	0.45	0.35	-22 to +150	-30 to +66
Eagle Hyfen 95	95A	FDA	0.55	0.45	0.35	-22 to +150	-30 to +66
Eagle Red 50D LCF Can Cable	50D	-	n/a	n/a	n/a	-22 to +150	-30 to +66
Eagle Blue 55D Can Cable	55D	-	n/a	n/a	n/a	-22 to +176	-30 to +80
Eagle Blue 55D Aramid Can Cable	55D	-	n/a	n/a	n/a	-22 to +176	-30 to +80
Eagle Natural 55D Can Cable	55D	-	n/a	n/a	n/a	-22 to +176	-30 to +80
Eagle Green 63D Can Cable	63D	-	n/a	n/a	n/a	-22 to +176	-30 to +80
Eagle Natural 63D Can Cable	63D	-	n/a	n/a	n/a	-22 to +176	-30 to +80
Eagle Ivory 85 RSGT PU	85A Base, 70A PU Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Ivory 85 RSGT PVC	85A Base, 50A PVC Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Ivory 85 RSGT TPE	85A Base, 55A TPE Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Hyfen 85 CXF V	85A Base, 60A Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66
Eagle Hyfen 85 CXR V	85A Base, 60A Top	-	0.70	0.60	0.45	-22 to +150	-30 to +66

* Eagle SureConnect Connectors are Alloy Steel with a RoHS Compliant Zinc Coating

Note: Cogged Belting is not FDA compliant.



NON-REINFORCED Material and Color	Hardness	Compliance	Contact Temperature Range	
			°F	°C
Eagle Taper Edge Band	60D	-	-22 to +176	-30 to +80



Product	Color	Compliance	Material	Temperature Range	
				°F	°C
POWERTWIST MOVE® Belting	Purple	RoHS	Composite Polyester/Polyurethane	-40 to +240	-40 to +116
POWERTWIST MOVE SuperGrip Top PU	Purple, Orange Top	RoHS	Composite Polyester/Polyurethane Polyurethane grip top surface	-22 to +150	-30 to +66
POWERTWIST MOVE SuperGrip Top PVC	Purple, Green Top	RoHS	Composite Polyester/Polyurethane PVC grip top surface	-22 to +150	-30 to +66
POWERTWIST MOVE Friction Top®	Purple	RoHS	Composite Polyester/Polyurethane	-22 to +150	-30 to +66
POWERTWIST MOVE Bridge Top™	Purple, White Inserts	RoHS	Composite Polyester/Polyurethane PTFE inserts	-40 to +450*	-40 to +232*
POWERTWIST MOVE RCS	Purple, White Tabs	RoHS	Composite Polyester/Polyurethane Polyurethane tabs	-22 to +150	-30 to +66
POWERTWIST Roller Drive™	Red	RoHS	Composite Polyester/Polyurethane	-22 to +150	-30 to +66
POWERTWIST Antistatic†	Blue	RoHS	Composite Polyester/Polyurethane	-40 to +240	-40 to +116

* Contact temperature

† ISO 1813:1998 inspected and certified by Fenner Drives.



Our Trackstar Guides are produced using only the highest quality virgin black UHMW-PE material to ensure minimum friction and maximum wear resistance.

	ASTM Test	UHMW-PE
Density (gm/cm3)	D792	.930 – .936
Tensile Strength at yield (psi at 73° F)	D638	3100
Elongation at break (% at 73° F)	D638	350
Relative volumetric abrasion loss*	N/A	100
Coefficient of friction on steel 73° F Static	N/A	.15 – .20
Coefficient of friction on steel 73° F Dynamic	N/A	.10 – .20
Hardness 73° F (Shore D)	D785	62 – 66
Coefficient of linear thermal expansion (in/in/° F)	D696	1.1 x 10 ⁻⁴
Continuous Service Temp in air (max) (° F)	D696	180
Volume Resistivity (Ohm/cm)	D257	>10 ¹⁵

* Industry standard testing method using slurry of 60% aluminum oxide and 40% water at a rotation speed of 1750 rpm for two hours. A lower number indicates better abrasion resistance.



Round Link Belting

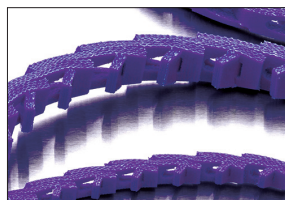


Round

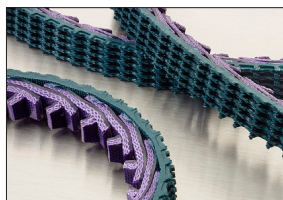
LINK BELTING	Part Number		Cross Section		Minimum Pulley Ø		Max Product Weight		Max Product Weight	
	25'	10m	inches	mm	(in)	(mm)	w/Idlers (lbs)	(kg)	w/UHMW (lbs)	(kg)
POWERWIST MOVE® Belting	0470125	0470133	5/16"	8mm	2.0	51	74	33	25	11
POWERWIST MOVE Belting	0470225	0470233	3/8"	10mm	3.0	76	190	86	65	30
POWERWIST MOVE Belting	0470325	0470333	1/2"	13mm	3.0	76	255	116	85	39
POWERWIST MOVE Belting	0470425	0470433	9/16"	14mm	5.5	140	450	204	155	70
POWERWIST MOVE Belting	0470525	0470533	3/4"	19mm	8.5	216	360	163	120	54



POWERWIST MOVE Round



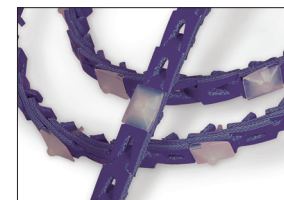
POWERWIST MOVE V-Belt



POWERWIST MOVE SGT



POWERWIST MOVE Friction Top



POWERWIST MOVE RCS



POWERWIST Roller Drive



POWERWIST MOVE Bridge Top

Link V Belting



V

SGT

LINK BELTING	Part Number				Cross Section	Minimum Pulley Ø		Max Product Weight		Max Product Weight	
	25'	100'/30.5m	10m	30m		(in)	(mm)	(lbs)	(kg)	(lbs)	(kg)
POWERWIST MOVE Belting	0470725		0470733		A	3.0	76	340	154	115	52
POWERWIST MOVE SuperGrip Top PU		0430101			A	3.0	76	200	91	65	30
POWERWIST MOVE SuperGrip Top PVC		0409100			A	3.0	76	200	91	65	30
POWERWIST MOVE Friction Top®		0408081			A	2.5	64	200	91	65	30
POWERWIST MOVE Bridge Top™		0499020			A	3.0	76	340	154	115	52
POWERWIST Antistatic	0408505	0408501	040850010	0408500	A	3.0	76	340	154	115	52
POWERWIST MOVE Belting	0470825		0470833		B	5.5	140	612	278	204	93
POWERWIST MOVE Super Grip Top PU		0435101			B	5.5	140	400	181	135	61
POWERWIST MOVE Super Grip Top PVC		0409200			B	5.5	140	400	181	135	61
POWERWIST MOVE Friction Top®	0405082	0408082			B	5.0	127	400	181	135	61
POWERWIST MOVE Bridge Top™	0499021	0499002			B	5.5	140	612	278	204	93
POWERWIST MOVE Reduced Contact Surface (RCS)		0419300			B	5.5	140	612	278	204	93
POWERWIST Roller Drive™	0410300-25	0410300	0411301	0411300	B	5.0	127	275	125	95	43
POWERWIST Antistatic	0408605	0408601	040860010	0408600	B	5.5	140	612	278	204	93
POWERWIST MOVE Belting	0470925		0470933		C	9.0	229	815	370	275	125
POWERWIST MOVE Super Grip Top PU		0440101			C	9.0	229	650	295	220	100
POWERWIST MOVE Super Grip Top PVC		0409300			C	9.0	229	650	295	220	100
POWERWIST MOVE Belting	0471025		0471033		D	13.2	335	1625	737	550	250
POWERWIST MOVE Belting	0470625		0470633		Z/10		45	230	105	78	36

* Standard package length 100' / 30.5m

† w (width) is the widest part of the belt. h (height) is the tallest part of the belt, including the belting top surface.

Dimensions are for reference only.

All listed items subject to a minimum order quantity.
Consult factory for restrictions and availability.

Eagle® O-Rings:

- O-Rings for line shaft, live roller and motion transfer conveyors
- High coefficient of friction
- Elastic with excellent memory
- Popular 1/8", 3/16", 1/4", 5mm and 6mm sizes in stock
- Contact Fenner Drives for part numbers

Material and Color	Part Number	Dimensions
Eagle Clear 85	50925309	.210" x 9-7/8"
Eagle Clear 85	53981126	.210" x 12-11/16"
Eagle Orange 85	53983131	.210" x 13-3/16"
Eagle Blue Green 85	5400545	3/16" x 14-1/2"
Eagle Clear 85	50910318	3/16" x 7-3/4"
Eagle Clear 85	50540015	3/16" x 8-1/2"
Eagle Clear 85	50540017	3/16" x 9"
Eagle Clear 85	50540019	3/16" x 9-1/2"
Eagle Clear 85	50540021	3/16" x 10"
Eagle Clear 85	50540022	3/16" x 10-1/4"
Eagle Clear 85	50540023	3/16" x 10-1/2"
Eagle Clear 85	50540024	3/16" x 10-3/4"
Eagle Clear 85	50540029	3/16" x 12"
Eagle Clear 85	50540031	3/16" x 12-1/2"
Eagle Clear 85	50540032	3/16" x 12-3/4"

Material and Color	Part Number	Dimensions
Eagle Clear 85	50540033	3/16" x 13"
Eagle Clear 85	50540034	3/16" x 13-1/4"
Eagle Clear 85	50540035	3/16" x 13-1/2"
Eagle Clear 85	50540036	3/16" x 13-3/4"
Eagle Clear 85	50540037	3/16" x 14"
Eagle Clear 85	50540039	3/16" x 14-1/2"
Eagle Clear 85	50540044	3/16" x 15-1/4"
Eagle Orange 85	5402177	3/16" x 12"
Eagle Orange 85	50920261	3/16" x 12-5/8"
Eagle Orange 85	5402185	3/16" x 13-1/8"
Eagle Orange 85	5402187	3/16" x 13-3/16"
Eagle Red 85	53251002	3/16" x 10-1/4"
Eagle Red 85	53251102	3/16" x 11-1/2"
Eagle Red 85	5408374	3/16" x 12-3/4"

Eagle HT O-Rings:

- O-Rings for Powered Live Roller Conveyors
- Available in Translucent Blue (3/16") and Translucent Red (.210")
- Designed to be installed at 20% installation tension

Material and Color	Part Number	Dimensions
Eagle Red 85 HT	5408907	.210 x 11-1/8"
Eagle Red 85 HT	5408947	.210 x 13-7/8"
Eagle Blue 85 HT	5408984	3/16" x 7-1/2"
Eagle Blue 85 HT	5408983	3/16" x 9-1/2"
Eagle Blue 85 HT	5408877	3/16" x 9-5/8"
Eagle Blue 85 HT	5409008	3/16" x 11-15/16"

Material and Color	Part Number	Dimensions
Eagle Green 85 HEHT	50927612	.210 x 12"
Eagle Green 89 HEHT	5408948	3/16" x 12-3/4"

Eagle HEHT O-Rings

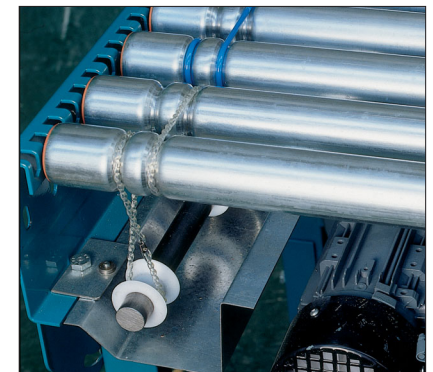
- O-Rings for Powered Live Roller Conveyors
- Available in Green (3/16") and Black (.216")
- Designed to sit below roller surface when installed at 24% tension



Eagle Twisted O-Rings:

- Twisted O-Rings are an ideal fast fit solution for live roller conveyors
- Twisted loop construction packaged with metal hooks. Plastic hooks also available
- No need to dismantle drive components

Material and Color	Part Number	Dimensions
Eagle Clear 85	5050003	3/16" x 6"
Eagle Clear 85	5050011	3/16" x 10"
Eagle Clear 85	5050015	3/16" x 10-1/2"
Eagle Clear 85	5050012	3/16" x 11"
Eagle Clear 85	5050911	3/16" x 11-1/2"
Eagle Clear 85	5050016	3/16" x 12"
Eagle Clear 85	5050005	3/16" x 12-1/2"
Eagle Clear 85	5050002	3/16" x 12-3/4"
Eagle Clear 85	5050006	3/16" x 12-7/8"
Eagle Clear 85	5050007	3/16" x 13"
Eagle Clear 85	5050017	3/16" x 13-1/4"
Eagle Clear 85	5050009	3/16" x 13-1/2"
Eagle Clear 85	5050014	3/16" x 13-3/4"
Eagle Clear 85	5050008	3/16" x 14"
Eagle Clear 85	5050010	3/16" x 14-1/2"



Eagle Twisted O-Rings easily installed without dismantling line shaft.

50 pieces per box, packaged with metal hooks. Plastic hooks also available.

Eagle Fabricated Belts:

Let us do the work for you and take the hassle out of fabricating your own endless belts

- Available in all Eagle Belting colors and durometers (except Can Cable)
- Rapid order turnaround

Eagle Poly-V™

Eagle Poly-V belts are PJ-profile belts designed specifically for roller conveyor applications. Made from polyurethane with elastic reinforcement, Eagle Poly-V belts provide the same load capacity as conventional rubber PJ belts with several additional benefits.

Product Features

- Abrasion-resistant polyurethane
 - Longer belt life
 - Increased performance in curves
- High-friction polyurethane
 - Lower running tension required
- Elastic reinforcement
 - Self-tensioning for consistent performance
- Lower running tension needed
 - Reduced belt fatigue
- Oil, grease and chemical resistant
 - Longer belt life



Type	Tension Per Rib		Top Width Per Rib		Thickness		Angle	Temperature Range		Minimum Pulley Diameter		Maximum Belt Speed	
	(N)	(lbs)	(mm)	(in)	(mm)	(in)		C	F	(mm)	(in)	m/s	ft/min
EPJ	24.5 to 50.0	5.5 to 11.2	2.34	0.1	3.6 +/- .25	0.14 +/- 0.01	40° +/- 2°	-20°C to 70°C	-4°F to 158°F	20 mm	0.8 in	55	10k

Part Number	Description	Length		Ribs	Load Capacity		Min./Max Center Distance w/43mm (1.9 in) Endcap	
		(mm)	(in)		(kg)	(lbs)	(mm)	(in)
70478401	Black 75 3EPJ236	236	9.3	2	1 to 200	1 to 440	48.2 - 51.7	1.90 - 2.04
70487501	Black 75 3EPJ236			3	201 to 300	441 to 661		
70487601	Black 75 4EPJ236			4	301 to 400	662 to 882		
70477101	Black 75 2EPJ246	246	9.7	2	1 to 200	1 to 440	54.4 - 58.1	2.14 - 2.29
70484001	Black 75 3EPJ246			3	201 to 300	441 to 661		
70484101	Black 75 4EPJ246			4	301 to 400	662 to 882		
70474201	Black 75 2EPJ256	256	10.1	2	1 to 200	1 to 440	60.0 - 64.9	2.36 - 2.55
70483101	Black 75 3EPJ256			3	201 to 300	441 to 661		
70484301	Black 75 4EPJ256			4	301 to 400	662 to 882		
70484401	Black 75 2EPJ263	263	10.3	2	1 to 200	1 to 440	60.5 - 64.9	2.38 - 2.57
70467202	Black 75 3EPJ263			3	201 to 300	441 to 661		
70484501	Black 75 4EPJ263			4	301 to 400	662 to 882		
70484801	Black 75 2EPJ265	265	10.4	2	1 to 200	1 to 440	63.2 - 67.2	2.49 - 2.65
70472501	Black 75 3EPJ265			3	201 to 300	441 to 661		
70484901	Black 75 4EPJ265			4	301 to 400	662 to 882		
70478501	Black 75 2EPJ270	270	10.6	2	1 to 200	1 to 440	64.7 - 68.8	2.55 - 2.71
70487701	Black 75 3EPJ270			3	201 to 300	441 to 661		
70487801	Black 75 4EPJ270			4	301 to 400	662 to 882		
70474901	Black 75 2EPJ286	286	11.3	2	1 to 200	1 to 440	72.6 - 76.9	2.86 - 3.03
70483201	Black 75 3EPJ286			3	201 to 300	441 to 661		
70484701	Black 75 4EPJ286			4	301 to 400	662 to 882		
70477801	Black 75 2EPJ292	292	11.5	2	1 to 200	1 to 440	77.5 - 81.9	3.05 - 3.23
70486001	Black 75 3EPJ292			3	201 to 300	441 to 661		
70486101	Black 75 4EPJ292			4	301 to 400	662 to 882		
70477401	Black 75 2EPJ314	314	12.3	2	1 to 200	1 to 440	88.4 - 93.2	3.48 - 3.67
70485401	Black 75 3EPJ314			3	201 to 300	441 to 661		
70485501	Black 75 4EPJ314			4	301 to 400	662 to 882		
70490001	Black 75 2EPJ326	326	12.8	2	1 to 200	1 to 440	92.4 - 97.3	3.64 - 3.83
70490101	Black 75 3EPJ326			3	201 to 300	441 to 661		
70490201	Black 75 4EPJ326			4	301 to 400	662 to 882		
70477001	Black 75 2EPJ336	336	13.2	2	1 to 200	1 to 440	98.4 - 103.5	3.87 - 4.08
70483801	Black 75 3EPJ336			3	201 to 300	441 to 661		
70483901	Black 75 4EPJ336			4	301 to 400	662 to 882		
70485601	Black 75 2EPJ346	346	13.6	2	1 to 200	1 to 440	104.6 - 109.9	4.12 - 4.33
70477601	Black 75 3EPJ346			3	201 to 300	441 to 661		
70485701	Black 75 4EPJ346			4	301 to 400	662 to 882		

Contact us for sizes not listed and wider belts not shown

Part Number	Description	Length		Ribs	Load Capacity		Min./Max Center Distance w/43mm (1.9 in) Endcap	
		(mm)	(in)		(kg)	(lbs)	(mm)	(in)
70477701	Black 75 2EPJ376	376	14.8	2	1 to 200	1 to 440	118.1 - 123.8	4.65 - 4.87
70485801	Black 75 3EPJ376			3	201 to 300	441 to 661		
70485901	Black 75 4EPJ376			4	301 to 400	662 to 882		
70474101	Black 75 2EPJ388	388	15.2	2	1 to 200	1 to 440	124.8 - 130.7	4.91 - 5.14
70485201	Black 75 3EPJ388			3	201 to 300	441 to 661		
70485301	Black 75 4EPJ388			4	301 to 400	662 to 882		
70494901	Black 75 2EPJ404	404	15.9	2	1 to 200	1 to 440	131.3 - 137.4	5.17 - 5.41
70495001	Black 75 3EPJ404			3	201 to 300	441 to 661		
70495101	Black 75 4EPJ404			4	301 to 400	662 to 882		
70477501	Black 75 2EPJ435	435	17.1	2	1 to 200	1 to 440	144.1 - 150.6	5.67 - 5.93
70483601	Black 75 3EPJ435			3	201 to 300	441 to 661		
70483701	Black 75 4EPJ435			4	301 to 400	662 to 882		
70479001	Black 75 2EPJ536	536	21.1	2	1 to 200	1 to 440	198.2 - 206.4	7.80 - 8.12
70488701	Black 75 3EPJ536			3	201 to 300	441 to 661		
70488801	Black 75 4EPJ536			6	301 to 400	662 to 882		

Product availability is subject to change at any time

2mm, 3/32", 3mm, 1/8" Round Cross Sections

Round Belting



Round

NON-REINFORCED	Part Number*	Dimensions Ø		Minimum Pulley Ø		Working Load @ Percent Tension								Weight	
						(in)	(mm)	(in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)
Eagle® Blue 80 EC	4928000		2	0.55	14	0.1	0.7	0.2	1	0.3	1.4	0.4	1.7	0.002	0.004
Eagle Clear 80 EC	4927000		2	0.55	14	0.1	0.7	0.2	1	0.3	1.4	0.4	1.7	0.002	0.004
Eagle Opaque 80	L040P802M		2	0.55	14	0.2	0.9	0.4	1.6	0.5	2.2	0.6	2.7	0.003	0.004
Eagle Orange 85	L040G852M		2	0.63	16	0.2	0.9	0.3	1.3	0.4	1.8	0.5	2.2	0.003	0.004
Eagle Clear 85	L04C852M		2	0.63	16	0.2	0.9	0.3	1.3	0.4	1.8	0.5	2.2	0.003	0.004
Eagle Green 89	4905402		2	0.71	18	0.3	1.4	0.5	2.4	0.7	3.2	0.9	4	0.003	0.004
Eagle Green 89 Textured	4905302		2	0.71	18	0.2	1	0.4	1.7	0.5	2.3	0.7	2.9	0.003	0.004
Eagle Red 90	4940017		2	0.79	20	1.1	4.7	1.5	6.8	1.9	8.5	2.2	10	0.003	0.004
Eagle Orange 85	1032003	3/32		0.75	19	0.3	1.2	0.4	1.9	0.6	2.5	0.7	3.1	0.004	0.005
Eagle Clear 85	4908003	3/32		0.75	19	0.3	1.2	0.4	1.9	0.6	2.5	0.7	3.1	0.004	0.005
Eagle Clear 95	4907003	3/32		0.94	24	0.5	2.3	0.8	3.4	1	4.3	1.2	5.1	0.004	0.005
Eagle Orange 85	1032004	1/8		1	25	0.5	2.2	0.7	3.3	1	4.4	1.2	5.5	0.006	0.01
Eagle Clear 85	4908006	1/8		1	25	0.5	2.2	0.7	3.3	1	4.4	1.2	5.5	0.006	0.01
Eagle Clear 95	4907006	1/8		1.25	32	0.9	4	1.3	6	1.7	7.7	2.1	9.1	0.007	0.01
Eagle Blue 80 EC	4928001		3	0.83	21	0.4	1.7	0.6	2.5	0.8	3.5	1	4.3	0.005	0.008
Eagle Clear 80 EC	4927001		3	0.83	21	0.4	1.7	0.6	2.5	0.8	3.5	1	4.3	0.005	0.008
Eagle Opaque 80	L040P803M		3	0.83	21	0.5	2.1	0.8	3.5	1.1	4.9	1.4	6.2	0.006	0.009
Eagle Orange 85	L040G853M		3	0.94	24	0.4	1.9	0.7	3	0.9	4	1.1	4.9	0.006	0.009
Eagle Clear 85	L04C853M		3	0.94	24	0.4	1.9	0.7	3	0.9	4	1.1	4.9	0.006	0.009
Eagle Blue 85	L04BL853M		3	0.94	24	0.4	1.9	0.7	3	0.9	4	1.1	4.9	0.006	0.009
Eagle Green 89	L04G893MS		3	1.06	27	0.7	3.2	1.2	5.2	1.6	7.2	2	9	0.006	0.009
Eagle Green 89 Textured	4905303		3	1.06	27	0.5	2.3	0.9	3.8	1.2	5.2	1.5	6.5	0.006	0.009
Eagle Red 90	4940020		3	1.18	30	2.4	10.5	3.4	15.1	4.3	19	5	22.2	0.006	0.009
Eagle White 40D	L04BY403M		3	1.42	36	1.9	8.3	2.9	12.8	3.8	16.8	4.5	20.2	0.006	0.008

* Standard package length 100' / 30.5m

† QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt. I.D. is the inner diameter of the belt.)

Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

Conveying - Eagle® Polyurethane

4mm, 5mm, 3/16" Round Cross Sections



Round

Round Belting

NON-REINFORCED						Working Load @ Percent Tension								Weight	
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	4%		6%		8%		10%		lbs/ft	kg/m
						(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)		
Eagle® Blue 80 EC	4928002		4	1.1	28	0.6	2.8	0.9	4.2	1.3	5.6	1.5	6.7	0.009	0.014
Eagle Clear 80 EC	4927002		4	1.1	28	0.6	2.8	0.9	4.2	1.3	5.6	1.5	6.7	0.009	0.014
Eagle Opaque 80	L040P804		4	1.1	28	0.8	3.7	1.4	6.2	2	8.7	2.5	11	0.01	0.015
Eagle Orange 85	L040G854		4	1.26	32	0.8	3.4	1.2	5.3	1.6	7	1.9	8.6	0.01	0.015
Eagle Clear 85	L04C854		4	1.26	32	0.8	3.4	1.2	5.3	1.6	7	1.9	8.6	0.01	0.015
Eagle Red 85	L04R8504		4	1.26	32	0.8	3.4	1.2	5.3	1.6	7	2	8.7	0.01	0.015
Eagle Blue 85	L04BL854		4	1.26	32	0.8	3.4	1.2	5.3	1.6	7	2	8.7	0.01	0.015
Eagle Green 89	4905404		4	1.42	36	1.3	5.7	2.1	9.3	2.9	12.8	3.6	16	0.01	0.015
Eagle Green 89 Textured	4905304		4	1.42	36	0.9	4.1	1.5	6.8	2.1	9.3	2.6	11.6	0.01	0.015
Eagle Red 90	4940021		4	1.57	40	4.2	18.6	6	26.8	7.6	33.8	8.9	39.5	0.01	0.015
Eagle White 40D	L04BY404		4	1.89	48	3.3	14.8	5.1	22.8	6.7	29.8	8.1	36	0.01	0.015
Eagle Blue 80 MD	4941100	3/16		1.31	33	0.8	3.5	1.2	5.4	1.6	7	1.9	8.6	0.013	0.02
Eagle Orange 85	1032006	3/16		1.5	38	1.1	4.9	1.7	7.5	2.2	10	2.8	12.3	0.014	0.021
Eagle Clear 85	4908009	3/16		1.5	38	1.1	4.9	1.7	7.5	2.2	10	2.8	12.3	0.014	0.021
Eagle Red 90	4940022	3/16		1.88	48	6	26.5	8.6	38.2	10.8	48.1	12.6	56.2	0.014	0.022
Eagle Clear 95	4907009	3/16		1.88	48	2	9.1	3	13.5	3.9	17.3	4.6	20.6	0.015	0.022
Eagle Clear 85 QC	4934009	.188 x .080†		1.5	38	0.5	2	0.7	3.1	0.9	4.2	1.2	5.2	0.012	0.018
Eagle Yellow 85 QC	4934021	.188 x .080†		1.5	38	0.5	2	0.7	3.1	0.9	4.2	1.2	5.2	0.012	0.018
Eagle Blue 80 EC	4928003		5	1.38	35	0.9	4.2	1.4	6.3	1.9	8.4	2.4	10.6	0.015	0.022
Eagle Clear 80 EC	4927003		5	1.38	35	0.9	4.2	1.4	6.3	1.9	8.4	2.4	10.6	0.015	0.022
Eagle Opaque 80	L040P805M		5	1.38	35	1.3	5.7	2.2	9.7	3.1	13.6	3.9	17.2	0.016	0.024
Eagle Orange 85	4940100		5	1.57	40	1.2	5.4	1.9	8.3	2.5	11	3.1	13.6	0.016	0.024
Eagle Clear 85	L04C855M		5	1.57	40	1.2	5.3	1.9	8.2	2.5	11	3	13.5	0.016	0.024
Eagle Red 85	L04R855		5	1.57	40	1.2	5.3	1.9	8.2	2.5	11	3	13.5	0.016	0.024
Eagle Blue 85	L04BL855M		5	1.57	40	1.2	5.3	1.9	8.2	2.5	11	3	13.5	0.016	0.024
Eagle Green 89	4905405		5	1.77	45	2	8.9	3.3	14.6	4.5	20.1	5.6	25.1	0.016	0.023
Eagle Green 89 Textured	4905305		5	1.77	45	1.5	6.5	2.4	10.6	3.3	14.6	4.1	18.2	0.016	0.023
Eagle Red 90	L04R9005M		5	1.97	50	6	26.5	8.6	38.2	10.8	48.1	12.6	56.2	0.014	0.022
Eagle Beige 95	L04BE955M		5	1.97	50	5.3	23.6	7.5	33.4	9.4	41.8	11	48.8	0.016	0.024
Eagle White 40D	L04BY405M		5	2.36	60	5.2	23.1	8	35.5	10.5	46.6	12.6	56.2	0.015	0.023
Eagle Blue 80 EC QC	4928020		5 x 2†	1.38	35	0.4	1.8	0.6	2.8	0.8	3.7	1	4.6	0.012	0.018
Eagle Clear 85 QC	L04QC855M		5 x 2†	1.57	40	0.5	2.3	0.8	3.5	1.1	4.7	1.3	5.8	0.013	0.02
Eagle Red 85 QC	L04QR855M		5 x 2†	1.57	40	0.5	2.3	0.8	3.5	1.1	4.7	1.3	5.8	0.013	0.02
Eagle Blue 85 QC	L04QB855M		5 x 2†	1.38	35	0.5	2.3	0.8	3.5	1.1	4.7	1.3	5.8	0.013	0.02
QC Connectors	4935009	25/pack													
REINFORCED						Working Load @ Percent Tension								Weight	
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	1%		2%		3%		4%		lbs/ft	kg/m
						(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)		
Eagle Hyfen 85	5218009	3/16		2.06	52	2.8	12.5	6.8	30.2	11.2	49.8	15.5	68.9	0.014	0.021
Eagle Green 89	L04G895MRS		5	1.97	50	1.7	7.4	5	22.2	10.2	45.4	15.7	70.1	0.016	0.023
Eagle Green 89 Textured	4940056		5	1.97	50	2.3	10.2	6.9	30.5	14	62.5	21.7	96.3	0.016	0.023

* Standard package length 100' / 30.5m

† QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt. I.D. is the inner diameter of the belt.)

Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

6mm, 1/4" Round Cross Sections



Round

Round Belting

NON-REINFORCED				Working Load @ Percent Tension										Weight	
Material and Color	Part Number*	Dimensions Ø		Minimum Pulley Ø		4%		6%		8%		10%		lbs/ft	kg/m
		(in)	(mm)	(in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)		
Eagle® Blue 80 EC	4928004	6	1.65	42	1.3	5.9	2.1	9.1	2.8	12.3	3.4	15.2	0.021	0.032	
Eagle Clear 80 EC	4927004	6	1.65	42	1.3	5.9	2.1	9.1	2.8	12.3	3.4	15.2	0.021	0.032	
Eagle Opaque 80	L040P806M	6	1.65	42	1.9	8.2	3.2	14	4.4	19.6	5.6	24.7	0.023	0.034	
Eagle Orange 85	L040G856M	6	1.89	48	1.7	7.7	2.7	11.8	3.5	15.8	4.4	19.4	0.023	0.034	
Eagle Clear 85	L04C856M	6	1.89	48	1.7	7.7	2.7	11.8	3.5	15.8	4.4	19.4	0.023	0.034	
Eagle Blue 85	L04BL856M	6	1.89	48	1.7	7.7	2.7	11.9	3.6	15.8	4.4	19.5	0.023	0.034	
Eagle Green 89	4905406	6	2.13	54	2.9	12.8	4.7	21	6.5	28.9	8.1	36.1	0.023	0.034	
Eagle Green 89 Textured	4905306	6	2.13	54	2.1	9.3	3.4	15.3	4.7	21	5.9	26.2	0.023	0.034	
Eagle White 40D	L04BY406M	6	2.83	72	7.5	33.3	11.5	51.2	15.1	67.1	18.2	80.9	0.022	0.033	
Eagle Blue 80 EC QC	4928021	6 × 2.5 [†]	1.65	42	0.6	2.5	0.9	3.9	1.2	5.3	1.5	6.6	0.018	0.026	
Eagle Clear 85 QC	L04QC856M	6 × 2.5 [†]	1.89	48	0.7	3.2	1.1	5	1.5	6.7	1.9	8.3	0.019	0.028	
Eagle Red 85 QC	L04QR856M	6 × 2.5 [†]	1.89	48	0.7	3.2	1.1	5	1.5	6.7	1.9	8.3	0.019	0.028	
Eagle Blue 85 QC	L04QB856M	6 × 2.5 [†]	1.89	48	0.7	3.2	1.1	5	1.5	6.7	1.9	8.3	0.019	0.028	
Eagle Blue 80 MD	4941101	1/4	6.3	1.75	44	1.3	6	2.1	9.2	2.8	12.3	3.4	15.3	0.024	0.035
Eagle Opaque 80	4940003	1/4	6.3	1.75	44	2.1	9.2	3.5	15.7	4.9	22	6.2	27.7	0.026	0.039
Eagle Orange 85	1032008	1/4	6.3	2	51	1.9	8.6	3	13.3	4	17.7	4.9	21.9	0.026	0.038
Eagle Clear 85	4908012	1/4	6.3	2	51	1.9	8.6	3	13.3	4	17.7	4.9	21.9	0.026	0.038
Eagle Red 90	4940023	1/4	6.3	2.5	64	10.6	47.2	15.3	67.9	19.2	85.5	22.5	100	0.026	0.038
Eagle Clear 95	4907012	1/4	6.3	2.5	64	3.6	16.1	5.4	24	6.9	30.8	8.2	36.6	0.026	0.039
Eagle Clear 85 QC	4934012	.250 × .098 [‡]	2	51	0.8	3.7	1.3	5.7	1.7	7.7	2.1	9.5	0.022	0.032	
Eagle Yellow 85 QC	4934022	.250 × .098 [‡]	2	51	0.8	3.7	1.3	5.7	1.7	7.7	2.1	9.5	0.022	0.032	
Eagle Blue 80 EC	4928005	1/4	6.3	1.74	44	1.5	6.6	2.3	10.2	3.1	13.7	3.8	17	0.023	0.035
Eagle Blue 85	L04BL856.3	1/4	6.3	2	51	1.9	8.6	3	13.3	4	17.7	4.9	21.8	0.025	0.037
QC Connectors	L04CON6S	25/pack													
REINFORCED				Working Load @ Percent Tension										Weight	
Material and Color	Part Number*	Dimensions Ø		Minimum Pulley Ø		1%		2%		3%		4%		lbs/ft	kg/m
		(in)	(mm)	(in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)		
Eagle Orange 85	L040G856MR	6	2.36	60	0.7	3.2	2.5	11	4.8	21.5	6.9	30.8	0.023	0.034	
Eagle Green 89	L04G896MSR	6	2.36	60	2.4	10.6	7.2	32	14.7	65.5	22.7	100.9	0.023	0.034	
Eagle Green 89 Textured	4940057	6	2.36	60	3.3	14.6	9.9	43.9	20.2	90	31.2	138.8	0.023	0.034	
Eagle Orange 85	4940058	1/4	6.3	2.5	64	0.8	3.6	2.8	12.3	5.4	24.1	7.8	34.6	0.026	0.038
Eagle Hyfen 85	5218012	1/4	6.3	2.75	70	3.7	16.5	12.4	55.2	20	89	27.8	123.7	0.026	0.038

* Standard package length 100' / 30.5m
 † QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt. I.D. is the inner diameter of the belt.)
 ‡ Standard Can Cable package length 500' reel
 Dimensions are for reference only.
 All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

7mm, 8mm, 5/16" Round Cross Sections



Round Belting

NON-REINFORCED				Working Load @ Percent Tension										Weight	
Material and Color	Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)	4%		6%		8%		10%		lbs/ft	kg/m		
				(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)				
Eagle® Orange 85	L040G857M	7	2.2	56	2.4	10.5	3.6	16.2	4.8	21.6	6	26.6	0.031	0.046	
Eagle Clear 85	L04C857M	7	2.2	56	2.4	10.5	3.6	16.2	4.8	21.6	6	26.6	0.031	0.046	
Eagle Green 89	4999637	7	2.48	63	3.9	17.4	6.4	28.6	8.8	39.3	11	49.1	0.031	0.046	
Eagle Green 89 Textured	4905307	7	2.48	63	2.9	12.7	4.7	20.9	6.4	28.7	8.1	35.8	0.031	0.046	
Eagle Red 90	L04R907	7	2.76	70	12.9	57.4	18.6	82.7	23.4	104.1	27.4	121.8	0.031	0.047	
Eagle Blue 80 MD	4941102	5/16	2.19	56	2.1	9.4	3.3	14.5	4.3	19.3	5.5	24.3	0.037	0.055	
Eagle Orange 85	1032010	5/16	2.5	64	3	13.5	4.7	20.8	6.2	27.7	7.7	34.1	0.04	0.059	
Eagle Clear 85	4908015	5/16	2.5	64	3	13.5	4.7	20.8	6.2	27.7	7.7	34.1	0.04	0.059	
Eagle Clear 95	4907015	5/16	3.13	79	5.7	25.2	8.4	37.4	10.8	48.1	12.9	57.2	0.041	0.061	
Eagle Clear 85 QC	4934015	.313 × .126†	2.5	64	1.3	5.7	2	8.9	2.7	11.9	3.3	14.7	0.034	0.05	
Eagle Yellow 85 QC	4934023	.313 × .126†	2.5	64	1.3	5.7	2	8.9	2.7	11.9	3.3	14.7	0.034	0.05	
Eagle Blue 80 EC	4928006	8	2.2	56	2.4	10.5	3.6	16.2	4.8	21.5	6.1	26.9	0.038	0.056	
Eagle Clear 80 EC	4927006	8	2.2	56	2.4	10.5	3.6	16.2	4.8	21.5	6.1	26.9	0.038	0.056	
Eagle Opaque 80	L040P808M	8	2.2	56	3.3	14.7	5.6	25	7.8	34.9	9.9	43.9	0.041	0.061	
Eagle Orange 85	L040G858M	8	2.52	64	3.1	13.7	4.7	21.1	6.3	28.1	7.8	34.7	0.041	0.06	
Eagle Clear 85	L04C858	8	2.52	64	3.1	13.7	4.7	21.1	6.3	28.1	7.8	34.7	0.041	0.06	
Eagle Blue 85	L04BL858M	8	2.52	64	3.1	13.7	4.7	21.1	6.3	28.1	7.8	34.7	0.041	0.06	
Eagle Green 89	L04G898MS	8	2.83	72	5.1	22.8	8.4	37.4	11.5	51.3	14.4	64.1	0.04	0.06	
Eagle Green 89 Textured	4905308	8	2.83	72	3.7	16.6	6.1	27.2	8.4	37.3	10.5	46.7	0.04	0.06	
Eagle Red 90	4940024	8	3.15	80	16.8	74.9	24.3	107.9	30.5	135.8	35.7	158.9	0.041	0.061	
Eagle Beige 95	L04BE958	8	3.15	80	13.6	60.5	19.3	85.7	24.1	107	28.1	125.1	0.042	0.062	
Eagle White 40D	L04BY408M	8	3.78	96	13.3	59.2	20.5	91	26.8	119.3	32.3	143.8	0.04	0.059	
Eagle Blue 80 EC QC	4928022	8 × 3.2‡	2.2	56	1	4.6	1.6	7.1	2.2	9.6	2.7	11.9	0.032	0.047	
Eagle Clear 85 QC	L04QC858M	8 × 3.2‡	2.52	64	1.3	5.8	2	9	2.7	12.1	3.4	14.9	0.034	0.051	
Eagle Red 85 QC	L04QR858M	8 × 3.2‡	2.52	64	1.3	5.8	2	9	2.7	12.1	3.4	14.9	0.034	0.051	
Eagle Blue 85 QC	L04QB858M	8 × 3.2‡	2.52	64	1.3	5.7	2	8.9	2.7	11.9	3.3	14.6	0.034	0.051	
QC Connectors	L04CON8S	25/pack													
REINFORCED				Working Load @ Percent Tension										Weight	
Material and Color	Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)	1%		2%		3%		4%		lbs/ft	kg/m		
				(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)				
Eagle Green 89	L04G897MRS	7	2.76	70	3.3	14.5	9.8	43.5	20.1	89.2	30.9	137.6	0.031	0.046	
Eagle Green 89 Textured	4940050	7	2.76	70	4.5	19.9	13.5	59.9	27.6	122.7	42.5	189.2	0.031	0.046	
Eagle Orange 85	4940059	5/16	3.13	79	1.3	5.6	4.3	19.3	8.5	37.6	12.1	54	0.04	0.059	
Eagle Hyfen 85	5218015	5/16	3.44	87	3.7	16.5	12.4	55.2	20	89	27.8	123.7	0.04	0.059	
Eagle Orange 85	L040G858R	8	3.15	80	1.3	5.7	4.4	19.6	8.6	38.2	12.3	54.8	0.041	0.06	
Eagle Green 89	L04G898MRS	8	3.15	80	4.3	18.9	12.8	56.8	26.2	116.4	40.4	179.5	0.04	0.06	
Eagle Green 89 Textured	4940051	8	3.15	80	5.8	26	17.6	78.2	36	160.1	55.5	246.8	0.04	0.06	
Eagle Beige 95	L04BE958R	8	3.78	96	3.8	16.9	7	31.1	10.4	46.3	13.6	60.5	0.042	0.062	

* Standard package length 100' / 30.5m

† QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt. I.D. is the inner diameter of the belt.)

‡ Standard Can Cable package length 500' reel

Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

9mm, 9.5mm, 3/8" Round Cross Sections



Round Belting

NON-REINFORCED		Dimensions Ø (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Part Number*					(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)
Eagle® Green 89 Textured	L04G899		9	3.19	81	4.7	21	7.7	34.4	10.6	47.2	13.3	59	0.051	0.076
Eagle Blue 80 MD	4941103	3/8	9.5	2.63	67	3	13.5	4.7	20.9	6.3	27.9	7.8	34.8	0.054	0.08
Eagle Opaque 80	4940005	3/8	9.5	2.63	67	4.7	20.8	8	35.4	11.1	49.4	14	62.3	0.058	0.087
Eagle Orange 85	1032012	3/8	9.5	3	76	4.4	19.4	6.7	29.9	9	39.9	11.1	49.2	0.057	0.086
Eagle Orange 89 SureConnect	4934145	3/8	9.5	3	76	4.4	19.4	6.7	29.9	9	39.9	11.1	49.2	0.057	0.086
Eagle Clear 85	4908018	3/8	9.5	3	76	4.4	19.4	6.7	29.9	9	39.9	11.1	49.2	0.057	0.086
Eagle Red 90	4940025	3/8	9.5	3.75	95	23.9	106.1	34.4	152.9	43.3	192.4	50.6	225.1	0.058	0.086
Eagle Clear 95	4907018	3/8	9.5	3.75	95	8.2	36.3	12.1	53.9	15.6	69.3	18.5	82.4	0.059	0.088
Eagle Clear 85 QC	4934018		.375 × .152†		3	1.8	8.2	2.9	12.7	3.8	17.1	4.7	21	0.048	0.071
Eagle Yellow 85 QC	4934025		.375 × .152†		3	1.8	8.2	2.9	12.7	3.8	17.1	4.7	21	0.048	0.071
Eagle Blue 80 EC	4928007	3/8	9.5	2.62	67	3.4	15	5.2	23.2	7	31	8.7	38.7	0.053	0.079
Eagle Blue 85	L04BL859.5M	3/8	9.5	3	76	4.4	19.4	6.7	29.9	9	39.9	11.1	49.2	0.057	0.085
Eagle Green 89	L04G899.5MS	3/8	9.5	3.39	86	7.2	32.1	11.8	52.7	16.3	72.4	20.3	90.4	0.057	0.084
Eagle Blue 80 EC QC	4928023		9.5 × 3.8†	2.64	67	1.5	6.4	2.3	10.1	3	13.5	3.8	16.8	0.045	0.067
QC Connectors	L04CON10S	20/pack													
SureConnect Connectors	4935031	5/pack													

REINFORCED		Dimensions Ø (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Part Number*					(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)
Eagle Orange 85	4940060	3/8	9.5	3.75	95	1.8	8	6.2	27.8	12.2	54.2	17.5	77.8	0.057	0.086
Eagle Hyfen 85	5218018	3/8	9.5	4.13	105	7.3	32.5	26.2	116.5	43.5	193.5	57.4	255.3	0.057	0.086

Can Cable

REINFORCED		Dimensions Ø (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Part Number‡					(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)
Blue 55D Can Cable	4816019	3/8	9.5	12	305	18.1	80.4	42.9	190.6	79.4	353.1	118.4	526.5	0.057	0.086
Natural 55D Can Cable	4816018	3/8	9.5	12	305	18.1	80.4	42.9	190.6	79.4	353.1	118.4	526.5	0.057	0.086
Natural 63D Can Cable	4899006	3/8	9.5	12	305	18.1	80.4	42.9	190.6	79.4	353.1	118.4	526.5	0.058	0.087
Red 50D LCF Can Cable	4816020	3/8	9.5	10	254	23.8	105.9	57.8	257.2	104.3	463.8	152.3	677.2	0.058	0.087
Green 63D Can Cable	4817018	3/8	9.5	12	305	18.1	80.4	42.9	190.6	79.4	353.1	118.4	526.5	0.058	0.087
Blue 55D Aramid Can Cable	4899012	3/8	9.5	12	305	41.7	185.5	149.1	663.2	281.1	1250.4	—	—	0.057	0.086

* Standard package length 100' / 30.5m
 † QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt. I.D. is the inner diameter of the belt.)
 ‡ Standard Can Cable package length 500' reel
 Dimensions are for reference only.
 All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

Conveying - Eagle® Polyurethane

10mm, 12mm, 12.7mm, 1/2" Round Cross Sections



Round

Round Belting

NON-REINFORCED		Dimensions Ø		Minimum Pulley Ø		Working Load @ Percent Tension								Weight	
Material and Color	Part Number*	(in)	(mm)	(in)	(mm)	4% (lbs)	4% (N)	6% (lbs)	6% (N)	8% (lbs)	8% (N)	10% (lbs)	10% (N)	lbs/ft	kg/m
Eagle® Blue 80 EC	4928008		10	2.76	70	3.7	16.4	5.8	25.6	7.7	34.1	9.6	42.6	0.059	0.088
Eagle Clear 80 EC	4927008		10	2.76	70	3.7	16.4	5.8	25.6	7.7	34.1	9.6	42.6	0.059	0.088
Eagle Opaque 80	L040P8010M		10	2.76	70	5.1	22.9	8.8	39	12.2	54.5	15.4	68.6	0.064	0.096
Eagle Orange 85	L040G8510M		10	3.15	80	4.8	21.4	7.4	33	9.9	44	12.2	54.2	0.063	0.094
Eagle Clear 85	L04C8510M		10	3.15	80	4.8	21.4	7.4	33	9.9	44	12.2	54.2	0.063	0.094
Eagle Blue 85	L04BL8510M		10	3.15	80	4.8	21.4	7.4	33	9.9	44	12.2	54.2	0.063	0.094
Eagle Green 89	L04G8910MS		10	3.54	90	8	35.4	13.1	58.2	18	79.9	22.4	99.8	0.063	0.093
Eagle Green 89 Textured	4905310		10	3.54	90	5.8	25.8	9.5	42.3	13.1	58.1	16.3	72.5	0.063	0.093
Eagle Green 89 T SureConnect	4934141		10	3.54	90	5.8	25.8	9.5	42.3	13.1	58.1	16.3	72.5	0.063	0.093
Eagle Red 90	L04R9010M		10	3.94	100	26.3	116.9	37.9	168.4	47.6	211.9	55.7	248	0.064	0.095
Eagle Beige 95	L04BE9510M		10	3.94	100	21.2	94.5	30.1	133.8	37.6	167.2	43.9	195.5	0.065	0.097
Eagle White 40D	L04BY4010M		10	4.72	120	20.8	92.5	32	142.2	41.9	186.5	50.5	224.6	0.062	0.092
Eagle Blue 55D	L04BY5510M		10	5.12	130	39.3	174.6	60.4	268.7	78.5	349.2	93	413.8	0.063	0.094
Eagle Red 85 QC	L04QR8510M		10 × 3.8†	3.15	80	2.1	9.3	3.2	14.4	4.3	19.3	5.3	23.8	0.054	0.081
Eagle Blue 85 QC	L04QB8510M		10 × 3.8†	3.15	80	2.1	9.3	3.2	14.4	4.3	19.3	5.3	23.8	0.054	0.081
Eagle Orange 85	L040G8512M		12	3.78	96	6.9	30.8	10.7	47.5	14.2	63.3	17.5	78	0.091	0.136
Eagle Clear 85	L04C8512M		12	3.78	96	6.9	30.8	10.7	47.5	14.2	63.3	17.5	78	0.091	0.136
Eagle Green 89	L04G8912MS		12	4.25	108	11.5	51.2	18.9	84.1	26	115.5	32.4	144.3	0.09	0.135
Eagle Green 89 Textured	4905312		12	4.25	108	8.4	37.3	13.8	61.2	18.9	84.1	23.6	105.1	0.091	0.135
Eagle Green 89 T SureConnect	4934142		12	4.25	108	8.4	37.3	13.8	61.2	18.9	84.1	23.6	105.1	0.091	0.135
Eagle Red 90	L04R9012M		12	4.72	120	37.8	168.4	54.5	242.5	68.6	305.2	80.3	357.2	0.092	0.137
Eagle Red 85 QC	L04QR8512M		12 × 5.2†	3.78	96	2.8	12.6	4.4	19.7	5.9	26.3	7.3	32.5	0.074	0.11
Eagle Blue 85 QC	L04QB8512		12 × 5.2†	3.78	96	2.8	12.6	4.4	19.7	5.9	26.3	7.3	32.5	0.074	0.11
Eagle Blue 80 MD	4941105	1/2	12.7	3.5	89	5.4	23.9	8.4	37.3	11.2	49.7	13.8	61.6	0.095	0.142
Eagle Orange 85	1032016	1/2	12.7	4	102	7.8	34.5	12	53.2	16	71	19.6	87.4	0.102	0.152
Eagle Orange 89 SureConnect	4934146	1/2	12.7	4	102	7.8	34.5	12	53.2	16	71	19.6	87.4	0.102	0.152
Eagle Clear 85	4908024	1/2	12.7	4	102	7.8	34.5	12	53.2	16	71	19.6	87.4	0.102	0.152
Eagle Red 90	4940026	1/2	12.7	5	127	42.4	188.6	61.1	271.7	76.9	342	90	400.2	0.103	0.153
Eagle Clear 95	4907024	1/2	12.7	5	127	14.5	64.6	21.6	95.9	27.7	123.1	32.9	146.4	0.105	0.156
Eagle Clear 85 QC	4934024	.500 × .205†		4	102	3.3	14.5	5.1	22.5	6.8	30.2	8.4	37.2	0.085	0.126
Eagle Yellow 85 QC	4934026	.500 × .205†		4	102	3.3	14.5	5.1	22.5	6.8	30.2	8.4	37.2	0.085	0.126
Eagle Red 85	L04R8512.7	1/2	12.7	4	102	7.8	34.5	12	53.2	16	71	19.6	87.4	0.102	0.152
Eagle Blue 85	L04BL8512.7	1/2	12.7	4	102	7.8	34.5	12	53.2	15.9	70.9	19.6	87.4	0.102	0.152
QC Connectors	L04CON10S	20/pack (Use for 3/8" and 10mm)													
QC Connectors	L04CON13S	20/pack (Use for 1/2" and 12-13mm)													
SureConnect Connectors	4935031	5/pack (Use for 10mm)													
SureConnect Connectors	4935032	5/pack (Use for 1/2" and 12mm)													
REINFORCED		Dimensions Ø		Minimum Pulley Ø		Working Load @ Percent Tension								Weight	
Material and Color	Part Number*	(in)	(mm)	(in)	(mm)	1% (lbs)	1% (N)	2% (lbs)	2% (N)	3% (lbs)	3% (N)	4% (lbs)	4% (N)	lbs/ft	kg/m
Eagle Orange 85	L040G8510MR		10	3.94	100	2	8.8	6.9	30.6	13.4	59.7	19.3	85.7	0.063	0.094
Eagle Green 89	L04G8910MRS		10	3.94	100	6.6	29.5	20	88.8	40.9	181.9	63.1	280.5	0.063	0.093
Eagle Green 89 Textured	4940052		10	3.94	100	9.1	40.6	27.5	122.1	56.2	250.1	86.7	385.6	0.063	0.093
Eagle Beige 95	L04BE9510R		10	4.72	120	6	26.7	11	48.9	16.2	72.1	21.2	94.3	0.065	0.097
Eagle Orange 85	L040G8512R		12	4.72	120	2.9	12.7	9.9	44.1	19.3	85.9	27.7	123.4	0.091	0.136
Eagle Green 89	L04G8912MRS		12	4.72	120	9.6	42.6	28.8	127.9	58.9	262	90.8	404	0.09	0.135
Eagle Green 89 Textured	4940053		12	4.72	120	13.2	58.5	39.5	175.9	81	360.2	124.9	555.4	0.09	0.135
Eagle Orange 85	4940061	1/2	12.7	5	127	3.2	14.2	11.1	49.4	21.6	96.3	31.1	138.3	0.102	0.152
Eagle Hyfen 85	5218024	1/2	12.7	5.5	140	7.3	32.5	26.2	116.5	43.5	193.5	57.4	255.3	0.102	0.152

* Standard package length 100' / 30.5m

† w (width) is the widest part of the belt. h (height) is the tallest part of the belt, including the belting top surface.

‡ Belt has a .156" radius guide.

Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

13mm, 9/16" Round Cross Sections



Round Belting

NON-REINFORCED		Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	(lbs) 4% (N)					(lbs) 6% (N)	(lbs) 8% (N)	(lbs) 10% (N)	lbs/ft	kg/m					
Eagle® Clear 85 QC	L04QC8513	13 x 5.2†	4.09	104	3.5	15.3	5.4	23.8	7.2	31.9	8.9	39.4	0.09	0.134	
Eagle Red 85 QC	L04QR8513M	13 x 5.2†	4.09	104	3.5	15.3	5.4	23.8	7.2	31.9	8.9	39.4	0.09	0.134	
Eagle Blue 80 MD	4941106	9/16	3.94	100	6.9	30.6	10.6	47.1	14.2	63	17.6	78.2	0.121	0.18	
Eagle Orange 85	1032018	9/16	4.5	114	9.8	43.7	15.1	67.3	20.2	89.8	24.9	110.6	0.129	0.192	
Eagle Orange 89 SureConnect	4934147	9/16	4.5	114	9.8	43.7	15.1	67.3	20.2	89.8	24.9	110.6	0.129	0.192	
Eagle Clear 85	4908027	9/16	4.5	114	9.8	43.7	15.1	67.3	20.2	89.8	24.9	110.6	0.129	0.192	
Eagle Red 90	4940036	9/16	5.63	143	53.7	238.6	77.3	343.8	97.3	432.7	113.8	506.3	0.13	0.194	
Eagle Clear 95	4907027	9/16	5.63	143	18.4	81.7	27.3	121.3	35	155.8	41.7	185.3	0.133	0.197	
QC Connectors	L04CON13S	20/pack													
SureConnect Connectors	4935033	5/pack													
REINFORCED		Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	(lbs) 1% (N)					(lbs) 2% (N)	(lbs) 3% (N)	(lbs) 4% (N)	lbs/ft	kg/m					
Eagle Orange 85	4940062	9/16	5.63	143	4.1	18	14	62.5	27.4	121.8	39.3	174.9	0.129	0.192	
Eagle Hyfen 85	5218027	9/16	6.19	157	16.7	74.3	36.6	162.8	58	258	75.8	337.2	0.129	0.192	

15mm, 16mm, 5/8" Round Cross Sections



Round Belting

NON-REINFORCED		Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	(lbs) 4% (N)					(lbs) 6% (N)	(lbs) 8% (N)	(lbs) 10% (N)	lbs/ft	kg/m					
Eagle® Opaque 80	L040P8015M	15	4.13	105	11.6	51.6	19.7	87.7	27.6	122.6	34.7	154.4	0.145	0.216	
Eagle Blue 85	L04BL8515	15	4.72	120	10.8	48.1	16.7	74.2	22.2	99	27.4	121.9	0.142	0.212	
Eagle Green 89	L04G8915MS	15	5.31	135	18	80	29.5	131.4	40.6	180.5	50.7	225.5	0.141	0.21	
Eagle Green 89 Textured	4905315	15	5.31	135	13.1	58.1	21.5	95.4	29.5	131.1	36.8	163.8	0.141	0.21	
Eagle Green 89 T SureConnect	4934143	15	5.31	135	13.1	58.1	21.5	95.4	29.5	131.1	36.8	163.8	0.141	0.21	
Eagle Red 90	4999315	15	5.91	150	59.1	262.9	85.2	378.8	107.2	476.8	125.4	557.9	0.144	0.214	
Eagle Beige 95	L04BE9515M	15	5.91	150	47.8	212.5	67.7	301.2	84.6	376.2	98.9	440	0.146	0.217	
Eagle White 40D	L04BY4015	15	7.09	180	46.8	208.1	71.9	319.9	94.3	419.6	113.6	505.4	0.139	0.207	
Eagle Blue 55D	L04BY5515	15	7.68	195	88.3	392.9	135.9	604.6	176.7	785.8	209.3	931	0.142	0.212	
Eagle Blue 80 MD	4941107	5/8	4.38	111	8.4	37.5	13.1	58.2	17.4	77.6	21.7	96.4	0.149	0.222	
Eagle Orange 85	1032020	5/8	5	127	12.1	53.9	18.7	83.1	24.9	110.8	30.7	136.5	0.16	0.238	
Eagle Clear 85	4908030	5/8	5	127	12.1	53.9	18.7	83.1	24.9	110.8	30.7	136.5	0.16	0.238	
Eagle Clear 95	4907030	5/8	6.25	159	22.7	100.9	33.7	149.8	43.2	192.3	51.4	228.7	0.164	0.243	
Eagle Clear 85 QC	4934030	.625 x .273†	5	127	5	22.1	7.7	34.2	10.3	45.9	12.7	56.6	0.129	0.192	
Eagle Yellow 85 QC	4934020	.625 x .273†	5	127	5	22.1	7.7	34.2	10.3	45.9	12.7	56.6	0.129	0.192	
Eagle Clear 85 QC	L04QC8516M	16 x 6.8†	5.04	128	5.1	22.7	7.9	35.2	10.6	47.2	13.1	58.2	0.133	0.198	
Eagle Red 85 QC	L04QR8516M	16 x 6.8†	5.04	128	5.1	22.7	7.9	35.2	10.6	47.2	13.1	58.2	0.133	0.198	
QC Connectors	4935030	15/pack													
SureConnect Connectors	4935033	5/pack													
REINFORCED		Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	(lbs) 1% (N)					(lbs) 2% (N)	(lbs) 3% (N)	(lbs) 4% (N)	lbs/ft	kg/m					
Eagle Orange 85	L040G8515MR	15	5.91	150	4.5	19.9	15.5	68.9	30.2	134.3	43.3	192.8	0.142	0.212	
Eagle Green 89	L04G8915MRS	15	5.91	150	15	66.5	44.9	199.9	92	409.3	141.9	631.2	0.141	0.21	
Eagle Green 89 Textured	4940054	15	5.91	150	20.6	91.5	61.8	274.8	126.5	562.8	195.1	867.9	0.141	0.21	
Eagle Beige 95	L04BE9515R	15	7.09	180	13.5	60.1	24.7	109.9	36.5	162.4	47.8	212.6	0.146	0.217	
Eagle Hyfen 85	5218030	5/8	6.88	175	16.7	74.3	36.6	162.8	58	258	75.8	337.2	0.16	0.238	

* Standard package length 100' / 30.5m

† w (width) is the widest part of the belt. h (height) is the tallest part of the belt, including the belting top surface.

‡ Belt has a .156" radius guide.

Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

18mm, 3/4" Round Cross Sections

Round Belting



Round

NON-REINFORCED		Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)	Working Load @ Percent Tension								Weight	
Material and Color	(lbs) 4% (N)				(lbs) 6% (N)	(lbs) 8% (N)	(lbs) 10% (N)	lbs/ft	kg/m					
Eagle® Green 89	L04G8918MS	18	6.38	162	25.9	115.2	42.5	189.2	58.4	259.9	73	324.6	0.203	0.303
Eagle Green 89 Textured	4940091	18	6.38	162	18.8	83.7	30.9	137.5	42.4	188.8	53	235.9	0.203	0.303
Eagle Green 89 T SureConnect	4934144	18	6.38	162	18.8	83.7	30.9	137.5	42.4	188.8	53	235.9	0.203	0.303
Eagle White 40D	L04BY4018	18	8.5	216	67.4	299.7	103.6	460.7	135.8	604.2	163.6	727.8	0.2	0.298
Eagle Blue 55D	L04BY5518	18	9.21	234	127.2	565.8	195.7	870.6	254.4	1131.6	301.4	1340.7	0.205	0.305
Eagle Orange 85	1032024	3/4	6	152	17.5	77.7	26.9	119.6	35.9	159.6	44.2	196.6	0.23	0.342
Eagle Orange 89 SureConnect	4934148	3/4	6	152	17.5	77.7	26.9	119.6	35.9	159.6	44.2	196.6	0.23	0.342
Eagle Clear 85	4908033	3/4	6	152	17.5	77.7	26.9	119.6	35.9	159.6	44.2	196.6	0.23	0.342
Eagle Clear 95	4907033	3/4	7.5	191	32.7	145.3	48.5	215.7	62.3	277	74	329.4	0.236	0.351
SureConnect Connectors	4935034	5/pack (Use for 18mm and 3/4")												
REINFORCED		Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)	Working Load @ Percent Tension								Weight	
Material and Color	(lbs) 1% (N)				(lbs) 2% (N)	(lbs) 3% (N)	(lbs) 4% (N)	lbs/ft	kg/m					
Eagle Green 89 Textured	4940055	18	7.09	180	29.6	131.7	89	395.7	182.2	810.5	280.9	1249.7	0.203	0.303
Eagle Orange 85	4940064	3/4	7.5	191	7.2	32.1	25	111.1	48.7	216.6	69.9	311	0.23	0.342
Eagle Hyfen 85	5218033	3/4	8.25	210	16.7	74.3	36.6	162.8	58	258	75.8	337.2	0.23	0.342

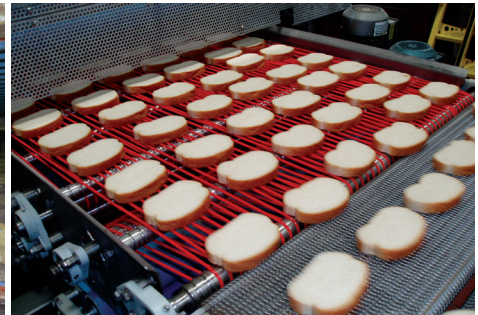
20mm Round Cross Section

Round Belting



Round

NON-REINFORCED		Part Number*	Dimensions Ø (in) (mm)	Minimum Pulley Ø (in) (mm)	Working Load @ Percent Tension								Weight	
Material and Color	(lbs) 4% (N)				(lbs) 6% (N)	(lbs) 8% (N)	(lbs) 10% (N)	lbs/ft	kg/m					
Eagle Green 89	L04G8920MS	20	7.09	180	32	142.3	52.5	233.5	72.1	320.8	90.1	400.8	0.251	0.374
Eagle Green 89 Textured	4940092	20	7.09	180	23.2	103.4	38.1	169.7	52.4	233.1	65.5	291.2	0.251	0.374
Eagle White 40D	L04BY4020	20	9.45	240	83.2	370	127.9	568.7	167.7	745.9	202	898.6	0.247	0.368



* Standard package length 100' / 30.5m
 † QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt. I.D. is the inner diameter of the belt.)
 ‡ Standard Can Cable package length 500' reel
 Dimensions are for reference only.
 All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

6x4, 8x5, 10x4mm Cross Section



V Belting

NON-REINFORCED	Material and Color	Cross Section	Part Number*	Dimensions w × h† (in) (mm)	Minimum Pulley Ø (in) (mm)	Working Load @ Percent Tension								Weight		
						4% (lbs) (N)	6% (lbs) (N)	8% (lbs) (N)	10% (lbs) (N)	lbs/ft	kg/m					
	Eagle® Blue 80 EC	6mm × 4mm	4928009	6.5 × 4	1.1	28	0.8	3.7	1.5	6.7	2.1	9.4	2.7	12.1	0.015	0.023
	Eagle Clear 80 EC	6mm × 4mm	4927009	6.5 × 4	1.1	28	0.8	3.7	1.5	6.7	2.1	9.4	2.7	12.1	0.015	0.023
	Eagle Clear 85	6mm × 4mm	L04C850604	6.5 × 4	1.26	32	1	4.5	1.7	7.6	2.4	10.7	3	13.5	0.016	0.024
	Eagle Blue 85	6mm × 4mm	L04BL850604	6.5 × 4	1.25	32	1	4.5	1.7	7.6	2.3	10.7	3	13.5	0.016	0.024
	Eagle Blue 80 EC	8mm × 5mm	4928010	8 × 5	1.38	35	1.3	5.7	2.4	10.5	3.3	14.6	4.2	18.9	0.024	0.035
	Eagle Clear 80 EC	8mm × 5mm	4927010	8 × 5	1.38	35	1.3	5.7	2.4	10.5	3.3	14.6	4.2	18.9	0.024	0.035
	Eagle Opaque 80	8mm × 5mm	4940006	8 × 5	1.38	35	1.6	7.1	3.3	14.7	5.2	23.1	7	31.2	0.026	0.039
	Eagle Red 85	8mm × 5mm	L04R8585M	8 × 5	1.57	40	1.5	6.8	2.6	11.5	3.6	16.2	4.6	20.5	0.025	0.038
	Eagle Blue 85	8mm × 5mm	L04BL8585M	8 × 5	1.57	40	1.5	6.8	2.6	11.5	3.6	16.2	4.6	20.5	0.025	0.038
	Eagle Red 90	8mm × 5mm	4940027	8 × 5	2	50	10.8	48.1	15.6	69.3	19.6	87.2	22.9	102	0.026	0.039
	Eagle White 40D	8mm × 5mm	L04BY400805	8 × 5	2.36	60	6	26.5	10.2	45.3	14	62.4	17.3	77.2	0.025	0.037
	Eagle Blue 80 EC	10mm × 4mm T-Top	4928011	10 × 4	1.1	28	1	4.6	1.9	8.5	2.7	11.8	3.4	15.3	0.019	0.028
	Eagle Clear 80 EC	10mm × 4mm T-Top	4927011	10 × 4	1.1	28	1	4.6	1.9	8.5	2.7	11.8	3.4	15.3	0.019	0.028

Z/10, 3L Cross Section



V Belting

NON-REINFORCED	Material and Color	Cross Section	Part Number*	Dimensions w × h† (in) (mm)	Minimum Pulley Ø (in) (mm)	Working Load @ Percent Tension								Weight		
						4% (lbs) (N)	6% (lbs) (N)	8% (lbs) (N)	10% (lbs) (N)	lbs/ft	kg/m					
	Eagle Orange 85	3L	1032030	3/8 × 7/32	1.75	44	2.1	9.5	3.6	16.1	5.1	22.6	6.4	28.6	0.035	0.053
	Eagle Clear 85	3L	4912063	3/8 × 7/32	1.75	44	2.2	9.7	3.7	16.5	5.2	23.1	6.6	29.3	0.035	0.053
	Eagle Blue 85	3L	L04BL853L	3/8 × 7/32	1.75	45	2.1	9.5	3.6	16.1	5.1	22.6	6.4	28.6	0.035	0.053
	Eagle Clear 95	3L	4911063	3/8 × 7/32	2.19	56	4	17.9	6.6	29.2	8.8	39.3	10.8	47.9	0.036	0.054
	Eagle Orange 85	3L Crown-Top	1032032	9/16 × 1/4	2	51	3	13.2	5	22.4	7.1	31.5	9	39.9	0.049	0.073
	Eagle Orange 85	3L T-Top	1032031	9/16 × 19/64	2.38	60	3.5	15.7	6	26.5	8.4	37.2	10.6	47.2	0.058	0.087
	Eagle Clear 85	3L T-Top	4912064	9/16 × 19/64	2.38	60	3.6	16.1	6.1	27.2	8.6	38.2	10.9	48.3	0.058	0.087
	Eagle Orange 85	3L Twin	1032033	15/16 × 17/64	2.13	54	5.9	26.2	10	44.5	14	62.4	17.8	79	0.098	0.145
	Eagle Clear 85	3L Twin	4912065	15/16 × 17/64	2.13	54	6	26.9	10.2	45.6	14.4	63.9	18.2	81	0.098	0.145
	Eagle Clear 95	3L Twin	4911065	15/16 × 17/64	2.5	64	11.1	49.5	18.1	80.6	24.4	108.5	29.7	132.2	0.1	0.149
	Eagle Blue 80 EC	Z/10	4928012	10 × 6.5	1.79	46	2.1	9.2	3.8	16.8	5.3	23.5	6.8	30.3	0.038	0.057
	Eagle Clear 80 EC	Z/10	4927012	10 × 6.5	1.79	46	2.1	9.2	3.8	16.8	5.3	23.5	6.8	30.3	0.038	0.057
	Eagle Opaque 80	Z/10	4940008	10 × 6.5	1.79	46	2.5	11.3	5.2	23.3	8.3	36.8	11.1	49.5	0.041	0.062
	Eagle Orange 85	Z/10	4940114	10 × 6.5	1.88	52	2.5	10.9	4.2	18.5	5.8	26	7.4	32.9	0.041	0.061
	Eagle Clear 85	Z/10	4940118	10 × 6.5	2.05	52	2.5	11.2	4.3	19	6	26.6	7.6	33.7	0.041	0.061
	Eagle Ivory 85	Z/10	L04I85Z	10 × 6.5	2.05	52	6.9	30.8	10.6	47	13.9	61.7	16.8	74.8	0.04	0.06
	Eagle Blue 85	Z/10	L04BL85Z	10 × 6.5	1.88	52	2.5	10.8	4.2	18.3	5.8	25.6	7.4	32.5	0.041	0.061
	Eagle Green 89	Z/10	L04G89Z	10 × 6.5	2.3	59	12.4	55.3	19	84.5	24.9	110.6	30	133.4	0.04	0.06
	Eagle Red 90	Z/10	4940028	10 × 6.5	2.5	65	16.9	75.2	24.3	108.3	30.6	136.3	35.9	159.5	0.041	0.061
	Eagle White 40D	Z/10	L04BY40Z	10 × 6.5	3.07	78	9.4	41.9	16.1	71.6	22.2	98.7	27.4	122	0.039	0.058
	Eagle Blue 55D	Z/10	L04BY55Z	10 × 6.5	3.33	85	37.1	165.2	54.6	242.8	68.5	304.8	79.3	352.9	0.041	0.061
REINFORCED	Material and Color	Cross Section	Part Number*	Dimensions w × h† (in) (mm)	Minimum Pulley Ø (in) (mm)	Working Load @ Percent Tension				Weight						
1% (lbs) (N)						2% (lbs) (N)	3% (lbs) (N)	4% (lbs) (N)	lbs/ft	kg/m						
	Eagle Beige 95	3L	4940070	3/8 × 7/32	2.63	67	11.4	50.5	26.5	117.9	38.9	172.9	47.8	212.8	0.036	0.054
	Eagle Hyfen 85	3L Twin	5299010	15/16 × 17/64	2.92	74	15.5	68.8	21.8	96.8	28.4	126.4	34.7	154.4	0.095	0.142
	Eagle Orange 85	Z/10	4940065	10 × 6.5	2.38	65	2.4	10.7	5.7	25.3	9.1	40.4	12	53.3	0.04	0.06
	Eagle Ivory 85	Z/10	L04I85ZR	10 × 6.5	2.56	65	3.1	13.7	9.3	41.3	14.8	65.7	18.8	83.8	0.04	0.06

* Standard package length 100' / 30.5m
 † QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt. I.D. is the inner diameter of the belt.)
 ‡ Standard Can Cable package length 500' reel
 Dimensions are for reference only.
 All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

Conveying - Eagle® Polyurethane

A Cross Section



V Belting

NON-REINFORCED		Part Number*	Dimensions w × h† (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Cross Section						4%		6%		8%		10%		lbs/ft	kg/m
							(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)		
Eagle® Blue 80 EC	A/13	4928013		13 × 8	2.2	56	3.4	14.9	6.1	27.3	8.6	38.2	11.1	49.3	0.062	0.092
Eagle Clear 80 EC	A/13	4927013		13 × 8	2.2	56	3.4	14.9	6.1	27.3	8.6	38.2	11.1	49.3	0.062	0.092
Eagle Blue 80 MD	A/13	4941108	1/2 × 5/16	13 × 8	2.2	56	2.8	12.6	4.8	21.5	6.8	30.4	8.8	38.9	0.061	0.091
Eagle Opaque 80	A/13	4940009	1/2 × 5/16	13 × 8	2.2	56	4.1	18.1	8.4	37.3	13.2	58.8	17.8	79.2	0.066	0.099
Eagle Orange 85	A/13	1032038	1/2 × 5/16	13 × 8	2.5	64	4	17.6	6.7	29.9	9.4	41.9	11.9	53.1	0.066	0.098
Eagle Clear 85	A/13	4912066	1/2 × 5/16	13 × 8	2.5	64	4.1	18.1	6.9	30.6	9.7	43	12.2	54.4	0.066	0.098
Eagle Ivory 85	A/13	L04185A	1/2 × 5/16	13 × 8	2.52	64	11.2	50	17.2	76.4	22.5	100.2	27.3	121.4	0.065	0.096
Eagle Blue 85	A/13	L04BL85A	1/2 × 5/16	13 × 8	2.5	64	4	18	6.8	30.4	9.5	42.7	12	54.1	0.066	0.098
Eagle Green 89	A/13	L04G89A	1/2 × 5/16	13 × 8	2.83	72	20.2	89.8	30.8	137.2	40.4	179.6	48.7	216.6	0.066	0.098
Eagle Red 90	A/13	4940029	1/2 × 5/16	13 × 8	3.13	80	27	120.2	38.9	173.1	49	217.9	57.3	255	0.066	0.098
Eagle Beige 95	A/13	L04BE95A	1/2 × 5/16	13 × 8	3.1	80	16.6	73.8	24.8	110.3	32	142.5	38.4	170.7	0.068	0.101
Eagle Clear 95	A/13	4911066	1/2 × 5/16	13 × 8	3.13	79	7.5	33.2	12.2	54.2	16.4	72.9	20	88.9	0.067	0.1
Eagle White 40D	A/13	L04BY40A	1/2 × 5/16	13 × 8	3.78	96	15.5	69.1	26.6	118.1	36.6	162.8	45.2	201.2	0.064	0.096
Eagle Blue 55D	A/13	L04BY55A	1/2 × 5/16	13 × 8	4.09	104	60.3	268.3	88.6	394.3	111.3	495	128.8	573.1	0.066	0.098
Eagle Red 85 CXF	A/13	4924320	0.50 × 0.41	13 × 10.54	3.28	83	4.6	20.5	7.3	32.3	9.9	44	12.3	54.8	0.091	0.135
Eagle Ivory 85 SGT PU	A/13	493030030M	0.50 × 0.47	13 × 12.06	3.28	83	11.2	50	17.2	76.4	22.5	100.2	27.3	121.4	0.085	0.127
Eagle Ivory 85 SGT PVC	A/13	L04I85ASG	0.50 × 0.53	13 × 13.51	3.28	83	11.2	50	17.2	76.4	22.5	100.2	27.3	121.4	0.095	0.142
Eagle Ivory 85 SGT TPE	A/13	493120030M	0.50 × 0.48	13 × 12.34	3.28	83	11.2	50	17.2	76.4	22.5	100.2	27.3	121.4	0.028	0.124
Eagle Green 89 SGT PVC	A/13	L04G89ASG	0.50 × 0.53	13 × 13.51	3.69	94	20.2	89.8	30.8	137.2	40.4	179.6	48.7	216.6	0.096	0.143
Eagle Red 90 SGT PVC	A/13	L04R90ASG	0.50 × 0.53	13 × 13.51	3.69	94	27	120.2	38.9	173.1	49	217.9	57.3	255	0.096	0.143
Eagle White 40D SGT PVC	A/13	L04BY40ASG	0.50 × 0.53	13 × 13.51	5.34	136	15.5	69.1	26.6	118.1	36.6	162.8	45.2	201.2	0.095	0.141
Eagle Orange 85	A/13 Hi-Ridge-Top	1032040	1/2 × 5/8		5	127	5.5	24.7	9.4	41.8	13.2	58.7	16.7	74.3	0.092	0.137
Eagle Clear 85	A/13 Hi-Ridge-Top	4911102	1/2 × 5/8		5	127	5.3	23.7	9	40.1	12.7	56.3	16	71.3	0.086	0.128
Eagle Orange 85	A/13 Lo-Ridge-Top	1032039	1/2 × 7/16		3.5	89	4.3	19.1	7.3	32.4	10.2	45.4	12.9	57.5	0.071	0.106
Eagle Clear 85	A/13 Lo-Ridge-Top	4912067	1/2 × 7/16		3.5	89	4.3	19.3	7.3	32.6	10.3	45.8	13	58	0.07	0.104
Eagle Green 89	A/13 Ridge-Top	L04G89AX		13 × 16	5.67	144	33	146.8	50.4	224.3	66	293.6	79.6	354.1	0.107	0.159
Eagle Orange 85	A Twin	1032041	1-3/16 × 5/16		2.5	64	9.3	41.4	15.8	70.2	22.1	98.5	28.1	124.8	0.154	0.23
Eagle Clear 85	A Twin	4912068	1-3/16 × 5/16		2.5	64	9.6	42.5	16.2	72	22.7	100.9	28.7	127.9	0.154	0.23
Eagle Orange 85	AA	1232550	1/2 × 13/32		3.25	83	5.6	25.1	9.6	42.5	13.4	59.6	17	75.5	0.093	0.139

REINFORCED		Part Number*	Dimensions w × h† (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Cross Section						1%		2%		3%		4%		lbs/ft	kg/m
							(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)		
Eagle Opaque 80	A/13	L04OP80AR	1/2 × 5/16	13 × 8	3.15	80	5.9	26.3	16	71.1	24	106.9	29.4	130.7	0.066	0.099
Eagle Orange 85	A/13	4940066	1/2 × 5/16	13 × 8	3.13	80	3.9	17.3	9.3	41.2	14.8	65.8	19.5	86.6	0.065	0.097
Eagle Ivory 85	A/13	L04I85AR	1/2 × 5/16	13 × 8	3.15	80	4.9	21.9	14.8	66	23.6	105.1	30.1	134.1	0.065	0.096
Eagle Green 89	A/13	L04G89AR	1/2 × 5/16	13 × 8	3.15	80	3.8	16.8	14.3	63.5	53.9	239.9	88.7	394.8	0.065	0.096
Eagle Beige 95	A/13	4940075	1/2 × 5/16	13 × 8	3.78	96	20.9	93	48.8	217.1	71.6	318.4	88.1	391.7	0.067	0.099
Eagle Beige 95	A/13 Cogged	4940071	1/2 × 5/16	13 × 8	2.78	71	20.9	93	48.8	217.1	71.6	318.4	88.1	391.7	0.067	0.099
Eagle Hyfen 95	A	5260200	1/2 × 3/8		3.75	95	18.3	81.3	26.6	118.2	34.1	151.8	41.3	183.6	0.077	0.114
Eagle Hyfen 95	A Cogged	5220000	1/2 × 3/8		2.75	70	18.3	81.3	26.6	118.2	34.1	151.8	41.3	183.6	0.077	0.114
Eagle Hyfen 85	A Ridge-Top	5299007	1/2 × 9/16		6.19	157	17.4	77.4	25.1	111.5	33.8	150.2	42.8	190.2	0.1	0.148
Eagle Hyfen 85	A Twin	5299019	1-3/16 × 5/16		3.44	87	45.5	202.2	34.4	153.2	44.9	199.9	54.9	244.2	0.151	0.224
Eagle Hyfen 85 CXF	A	5260520	0.50 × 0.51		4.53	115	17.4	77.4	25.1	111.5	33.8	150.2	42.8	190.2	0.103	0.153
Eagle Hyfen 85 CXR	A	5260525	0.50 × 0.51		4.53	115	17.4	77.4	25.1	111.5	33.8	150.2	42.8	190.2	0.088	0.131
Eagle Hyfen 85 CXF	A Twin	5260572	1.19 × 0.41		4.53	115	45.5	202.2	34.4	153.2	44.9	199.9	54.9	244.2	0.203	0.302
Eagle Hyfen 85 CXR	A Twin	5260577	1.19 × 0.41		4.53	115	45.5	202.2	34.4	153.2	44.9	199.9	54.9	244.2	0.174	0.259
Eagle Ivory 85 SGT PU	A/13	493060030M	0.50 × 0.47	13 × 12.06	4.11	104	4.9	21.9	14.8	66	23.6	105.1	30.1	134.1	0.085	0.127
Eagle Ivory 85 SGT PVC	A/13	L04I85ARSG	0.50 × 0.53	13 × 13.51	4.11	104	4.9	21.9	14.8	66	23.6	105.1	30.1	134.1	0.095	0.142
Eagle Ivory 85 SGT TPE	A/13	493150030M	0.50 × 0.48	13 × 12.34	4.11	104	4.9	21.9	14.8	66	23.6	105.1	30.1	134.1	0.084	0.124

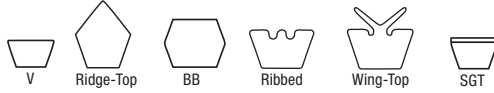
* Standard package length 100' / 30.5m

† QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt, I.D. is the inner diameter of the belt.)

Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

B Cross Section



V Belting

NON-REINFORCED	Material and Color	Cross Section	Part Number*	Dimensions w × h†		Minimum Pulley Ø	Working Load @ Percent Tension								Weight	
				(in)	(mm)		(in)	(mm)	4% (lbs)	4% (N)	6% (lbs)	6% (N)	8% (lbs)	8% (N)	10% (lbs)	10% (N)
Eagle® Blue 80 EC	B/17	4928014		17 × 11.5	3.17	81	6.1	27.3	11.2	49.9	15.7	69.9	20.3	90.2	0.113	0.168
Eagle Clear 80 EC	B/17	4927014		17 × 11.5	3.17	81	6.1	27.3	11.2	49.9	15.7	69.9	20.3	90.2	0.113	0.168
Eagle Blue 80 MD	B/17	4941109	21/32 × 7/16	17 × 11.5	3.17	81	5	22	8.4	37.3	11.8	52.6	15.1	67	0.113	0.168
Eagle Opaque 80	B/17	4940010	21/32 × 7/16	17 × 11.5	3.17	81	7.4	33.1	15.3	68	24.1	107.2	32.5	144.5	0.121	0.18
Eagle Orange 85	B/17	1032047	11/16 × 13/32	17.5 × 10	3.25	83	7	31.1	11.8	52.7	16.6	73.9	21.1	93.7	0.116	0.172
Eagle Clear 85	B/17	4912069	11/16 × 13/32	17.5 × 10	3.25	83	7.2	31.9	12.1	54	17	75.8	21.6	96	0.116	0.172
Eagle Ivory 85	B/17	L04185B	21/32 × 7/16	17 × 11.5	3.62	92	20.6	91.6	31.4	139.8	41.2	183.4	49.9	222.2	0.118	0.175
Eagle Blue 85	B/17	L04BL85B	21/32 × 7/16	17 × 11.5	3.25	92	7.3	31	12.4	52.5	17.4	73.7	22	93.4	0.121	0.18
Eagle Green 89	B/17	L04G89B	21/32 × 7/16	17 × 11.5	4.07	104	37	164.4	56.4	251.1	73.9	328.7	89.1	396.4	0.12	0.178
Eagle Clear 95	B/17	4911069	11/16 × 13/32	17.5 × 10	4.13	105	13.2	58.6	21.5	95.5	28.9	128.6	35.2	156.8	0.119	0.177
Eagle White 40D	B/17	L04BY40B	21/32 × 7/16	17 × 11	5.2	132	27.6	122.6	47.1	209.5	64.9	288.9	80.3	357	0.114	0.17
Eagle Blue 55D	B/17	L04BY55B	21/32 × 7/16	17 × 11.5	5.89	150	110.4	491	162.2	721.6	203.6	905.8	235.8	1048.7	0.121	0.18
Eagle Red 90	B/17	4940030	21/32 × 7/16	17 × 11.5	4.5	115	49.3	219.3	71	315.9	89.4	397.5	104.6	465.2	0.12	0.178
Eagle Beige 95	B/17	L04BE95B	21/32 × 7/16	17 × 11.5	4.5	115	30.4	135.1	45.4	201.9	58.6	260.8	70.2	312.3	0.124	0.184
Eagle Orange 85	B/17 Ribbed	1032046	11/16 × 13/32	17.5 × 10	3.25	83	6.5	28.7	10.9	48.6	15.3	68.3	19.4	86.5	0.107	0.159
Eagle Green 89	B/17 Ridge-Top	L04G89BX		17 × 19.5	6.91	176	53.7	238.9	82	364.9	107.4	477.7	129.5	576.1	0.174	0.259
Eagle Orange 85	B/17 Wing-Top	1032048	11/16 × 5/8		5	127	7.8	34.6	13.2	58.7	18.5	82.3	23.5	104.3	0.129	0.192
Eagle Orange 85	BB	1232600	11/16 × 9/16		4.5	114	10.3	45.8	17.5	77.7	24.5	109	31.1	138.1	0.171	0.254
Eagle Clear 95	BB	4911070	11/16 × 9/16		5.63	143	19.4	86.5	31.7	140.9	42.6	189.6	52	231.1	0.175	0.26
Eagle Red 85 CXF	B/17	4924330	0.69 × 0.51	17.5 × 12.54	4.28	109	8.1	36.1	12.8	57	17.4	77.5	21.7	96.7	0.15	0.223
Eagle Ivory 85 SGT PU	B/17	493040030M	0.66 × 0.60	17 × 15.56	4.28	109	20.6	91.6	31.4	139.8	41.2	183.4	49.9	222.2	0.146	0.218
Eagle Ivory 85 SGT PVC	B/17	L04I85BSG	0.66 × 0.66	17 × 17.01	4.28	109	20.6	91.6	31.4	139.8	41.2	183.4	49.9	222.2	0.158	0.235
Eagle Ivory 85 SGT TPE	B/17	493130030M	0.66 × 0.61	17 × 15.84	4.28	109	20.6	91.6	31.4	139.8	41.2	183.4	49.9	222.2	0.039	0.215
Eagle Green 89 SGT PVC	B/17	L04G89BSG	0.66 × 0.66	17 × 17.01	4.82	122	37	164.4	56.4	251.1	73.9	328.7	89.1	396.4	0.16	0.238
Eagle Red 90 SGT PVC	B/17	L04R90BSG	0.66 × 0.66	17 × 17.01	4.82	122	49.3	219.3	71	315.9	89.4	397.5	104.6	465.2	0.16	0.238
Eagle White 40D SGT PVC	B/17	L04BY40BSG	0.66 × 0.66	17 × 17.01	6.96	177	27.6	122.6	47.1	209.5	64.9	288.9	80.3	357	0.154	0.229
REINFORCED	Material and Color	Cross Section	Part Number*	Dimensions w × h†		Minimum Pulley Ø	Working Load @ Percent Tension								Weight	
(in)				(mm)	(in)		(mm)	1% (lbs)	1% (N)	2% (lbs)	2% (N)	3% (lbs)	3% (N)	4% (lbs)	4% (N)	lbs/ft
Eagle Hyfen 95	B	5260300	21/32 × 1/2		5	127	26.9	119.6	39.1	173.8	50.2	223.3	60.7	270.1	0.131	0.196
Eagle Hyfen 95	B Cogged	5230000	21/32 × 1/2		4	102	26.9	119.6	39.1	173.8	50.2	223.3	60.7	270.1	0.131	0.196
Eagle Hyfen 85	B Ridge-Top	5299009	21/32 × 11/16		7.56	192	25.7	114.4	37	164.6	49.9	221.7	63.2	280.9	0.161	0.239
Eagle Opaque 80	B/17	L04OP80BR	21/32 × 7/16	17 × 11.5	4.53	115	11	48.8	29.7	132	44.6	198.4	54.5	242.6	0.123	0.183
Eagle Orange 85	B/17	4940067	21/32 × 7/16	17 × 11.5	4.38	115	7.1	31.6	16.9	75.2	27	120	35.5	158	0.119	0.177
Eagle Ivory 85	B/17	L04I85BR	21/32 × 7/16	17 × 11.5	4.53	115	9	39.9	27.1	120.5	43.1	191.9	55	244.8	0.118	0.175
Eagle Green 89	B/17	4940127	21/32 × 7/16	17 × 11.5	4.53	115	7	31.2	26.5	117.9	100.1	445.3	164.7	732.8	0.12	0.178
Eagle Beige 95	B/17	4940076	21/32 × 7/16	17 × 11.5	5.43	138	38.8	172.7	90.6	403	132.9	591	163.5	727.2	0.124	0.184
Eagle Beige 95	B/17 Cogged	4940072	21/32 × 7/16	17 × 11.5	4.43	113	38.8	172.7	90.6	403	132.9	591	163.5	727.2	0.124	0.184
Eagle Ivory 85	B/17 Ridge-Top	L04I85BRXH		17 × 19.5	7.68	195	13.3	59	40.1	178.3	63.8	283.8	81.4	362	0.174	0.259
Eagle Green 89	B/17 Ridge-Top	L04G89BRXH		17 × 19.5	7.68	195	10.2	45.4	38.5	171.4	145.5	647.3	239.5	1065.1	0.174	0.259
Eagle Hyfen 85 CXF	B	5260530	0.66 × 0.51		5.89	150	25.7	114.4	37	164.6	49.9	221.7	63.2	280.9	0.141	0.21
Eagle Hyfen 85 CXR	B	5260535	0.66 × 0.51		5.89	150	25.7	114.4	37	164.6	49.9	221.7	63.2	280.9	0.122	0.181
Eagle Ivory 85 SGT PU	B/17	493020030M	0.60 × 0.60	17 × 15.56	5.36	136	9	39.9	27.1	120.5	43.1	191.9	55	244.8	0.146	0.218
Eagle Ivory 85 SGT PVC	B/17	L04I85BRSG	0.66 × 0.66	17 × 17.01	5.36	136	9	39.9	27.1	120.5	43.1	191.9	55	244.8	0.158	0.235
Eagle Ivory 85 SGT TPE	B/17	493160030M	0.66 × 0.61	17 × 15.84	5.36	136	9	39.9	27.1	120.5	43.1	191.9	55	244.8	0.144	0.215

* Standard package length 100' / 30.5m

† QC dimensions are shown O.D x I.D. (O.D. is the outer diameter of the belt, I.D. is the inner diameter of the belt.)

Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

C Cross Sections



V Belting

NON-REINFORCED		Part Number*	Dimensions w x h† (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Cross Section						4% (lbs)	6% (lbs)	8% (lbs)	10% (lbs)	4% (N)	6% (N)	8% (N)	10% (N)	lbs/ft	kg/m
Eagle® Orange 85	C/22	1032072	29/32 x 17/32	23 x 13.5	4.25	108	12.2	54.1	20.6	91.7	28.9	128.6	36.6	163	0.201	0.3
Eagle Clear 85	C/22	4912072	29/32 x 17/32	23 x 13.5	4.25	108	12.5	55.5	21.1	94	29.6	131.8	37.5	167	0.201	0.3
Eagle Ivory 85	C/22	L04I85C	7/8 x 9/16	22 x 14.5	4.57	116	33.9	150.6	51.7	229.8	67.8	301.7	82.1	365.4	0.194	0.289
Eagle Green 89	C/22	L04G89C	7/8 x 9/16	22 x 14.5	5.14	131	60.8	270.3	92.8	412.9	121.5	540.5	146.5	651.9	0.197	0.293
Eagle Red 90	C/22	4999306	7/8 x 9/16	22 x 14.5	5.75	145	81.1	360.8	116.8	519.7	147.1	654.1	172.1	765.4	0.197	0.293
Eagle Beige 95	C/22	L04BE95C	7/8 x 9/16	22 x 14.5	5.7	145	49.9	222.2	74.6	332	96.4	428.9	115.5	513.6	0.204	0.303
Eagle Clear 95	C/22	4911072	29/32 x 17/32	23 x 13.5	5.31	135	22.9	102	37.4	166.2	50.3	223.7	61.3	272.7	0.206	0.307
Eagle White 40D	C/22	L04BY40C	7/8 x 9/16	22 x 14.5	6.85	174	46.8	208	79.9	355.4	110.2	490	136.1	605.6	0.194	0.288
Eagle Orange 85	C/22 Ribbed	1032054	29/32 x 17/32		4.25	108	11.3	50.3	19.2	85.3	26.9	119.7	34.1	151.7	0.187	0.279
Eagle Green 89	C/22 Ridge-Top	4999514		22 x 24.5	8.68	221	85.6	380.7	130.7	581.4	171.1	761.2	206.4	917.9	0.278	0.413
Eagle Green 89	C/22 Ridge-Top	L04G89CX		22 x 28.5	10.1	257	98.7	439.2	150.8	670.8	197.4	878.1	238.1	1059	0.32	0.477
Eagle Ivory 85 SGT PU	C/22	493050030M	0.88 x 0.72	22 x 18.56	5.28	134	33.9	150.6	51.7	229.8	67.8	301.7	82.1	365.4	0.227	0.338
Eagle Ivory 85 SGT PVC	C/22	L04I85CSG	0.88 x 0.78	22 x 20.01	5.28	134	33.9	150.6	51.7	229.8	67.8	301.7	82.1	365.4	0.245	0.365
Eagle Ivory 85 SGT TPE	C/22	493140030M	0.88 x 0.73	22 x 18.84	5.28	134	33.9	150.6	51.7	229.8	67.8	301.7	82.1	365.4	0.045	0.334
Eagle Green 89 SGT PVC	C/22	L04G89CSG	0.88 x 0.78	22 x 20.01	5.94	151	60.8	270.3	92.8	412.9	121.5	540.5	146.5	651.9	0.248	0.37
Eagle Red 90 SGT PVC	C/22	L04R90CSG	0.88 x 0.78	22 x 20.01	5.94	151	81.1	360.8	116.8	519.7	147.1	654.1	172.1	765.4	0.248	0.369
Eagle White 40D SGT PVC	C/22	L04BY40CSG	0.88 x 0.78	22 x 20.01	8.59	218	46.8	208	79.9	355.4	110.2	490	136.1	605.6	0.24	0.358
REINFORCED		Part Number*	Dimensions w x h† (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Cross Section						1% (lbs)	2% (lbs)	3% (lbs)	4% (lbs)	1% (N)	2% (N)	3% (N)	4% (N)	lbs/ft	kg/m
Eagle Hyfen 95	C	5260400	7/8 x 5/8		6.25	159	39.8	177.2	57.9	257.6	74.4	330.8	90	400.3	0.226	0.337
Eagle Hyfen 95	C Cogged	5240000	7/8 x 5/8		5.25	133	39.8	177.2	57.9	257.6	74.4	330.8	90	400.3	0.226	0.337
Eagle Orange 85	C/22	4940068	7/8 x 9/16	22 x 14.5	5.62	145	11.7	52	27.8	123.7	44.4	197.4	58.4	260	0.196	0.291
Eagle Ivory 85	C/22	L04I85CR	7/8 x 9/16	22 x 14.5	5.71	145	14.8	65.7	44.6	198.3	71	315.7	90.5	402.7	0.194	0.289
Eagle Green 89	C/22	L04G89CR		22 x 14.5	5.71	145	11.5	51.3	43.6	193.9	164.6	732.4	270.9	1205.1	0.197	0.293
Eagle Beige 95	C/22	4940077	7/8 x 9/16	22 x 14.5	6.85	174	63.8	284	149	662.7	218.5	971.9	268.8	1195.9	0.204	0.303
Eagle Beige 95	C/22 Cogged	4940073	7/8 x 9/16	22 x 14.5	5.85	149	63.8	284	149	662.7	218.5	971.9	268.8	1195.9	0.204	0.303
Eagle Ivory 85	C/22 Ridge-Top	5299103		22 x 24.5	9.65	245	21.7	96.6	65.6	291.7	104.4	464.3	133.2	592.4	0.285	0.424
Eagle Ivory 85	C/22 Ridge-Top	L04I85CRXH		22 x 28.5	11.22	285	24.4	108.5	73.7	327.7	117.3	521.6	149.6	665.4	0.32	0.477
Eagle Green 89	C/22 Ridge-Top	4999524		22 x 24.5	9.65	245	16.2	72.3	61.4	273.1	231.8	1031.3	381.5	1697	0.278	0.413
Eagle Green 89	C/22 Ridge-Top	L04G89CRXH		22 x 28.5	11.22	285	18.7	83.4	70.8	315.1	267.5	1189.8	440.1	1957.8	0.32	0.477
Eagle Hyfen 85 CXF	C	5260540	0.88 x 0.63		7.7	196	38	169.1	54.7	243.4	73.7	327.9	93.4	415.4	0.241	0.358
Eagle Hyfen 85 CXR	C	5260545	0.88 x 0.63		7.7	196	38	169.1	54.7	243.4	73.7	327.9	93.4	415.4	0.215	0.32
Eagle Ivory 85 SGT PU	C/22	493070030M	0.88 x 0.72	22 x 18.56	6.61	168	14.8	65.8	44.6	198.3	71	315.7	90.5	402.7	0.227	0.338
Eagle Ivory 85 SGT PVC	C/22	L04I85CRSG	0.88 x 0.78	22 x 20.01	6.61	168	14.8	65.8	44.6	198.3	71	315.7	90.5	402.7	0.245	0.365
Eagle Ivory 85 SGT TPE	C/22	493170030M	0.88 x 0.73	22 x 18.84	6.61	168	14.8	65.8	44.6	198.3	71	315.7	90.5	402.7	0.224	0.334

D Cross Section



V Belting

NON-REINFORCED		Part Number*	Dimensions w x h† (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Cross Section						4% (lbs)	6% (lbs)	8% (lbs)	10% (lbs)	4% (N)	6% (N)	8% (N)	10% (N)	lbs/ft	kg/m
Eagle Orange 85	D/32 Ribbed	1032062	1-5/16 x 3/4	33.5 x 19	6	152	22.9	101.8	38.8	172.5	54.4	242	68.9	306.7	0.379	0.564
REINFORCED		Part Number*	Dimensions w x h† (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
Material and Color	Cross Section						1% (lbs)	2% (lbs)	3% (lbs)	4% (lbs)	1% (N)	2% (N)	3% (N)	4% (N)	lbs/ft	kg/m
Eagle Hyfen 85 CXF	D	5260550	1.25 x 0.85		10.88	276	77.1	343	111	493.6	149.5	665	189.4	842.4	0.448	0.667

* Standard package length 100' / 30.5m

† w (width) is the widest part of the belt. h (height) is the tallest part of the belt, including the belting top surface.

Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.



Flat Belting



NON-REINFORCED Material and Color	Cross Section	Part Number*	Dimensions w × h † (in) (mm)	Minimum Pulley Ø (in) (mm)	Working Load @ Percent Tension								Weight		
					4% (lbs)	4% (N)	6% (lbs)	6% (N)	8% (lbs)	8% (N)	10% (lbs)	10% (N)	lbs/ft	kg/m	
Eagle® Orange 85	.055" × .375"	1032121	.375 × .055	0.44	11	0.6	2.6	0.9	3.9	1.1	5	1.4	6.1	0.011	0.016
Eagle Orange 85	.062" × .5"	1032126	.500 × .062	0.5	13	0.9	3.9	1.3	5.8	1.7	7.6	2.1	9.2	0.016	0.024
Eagle Orange 85	.062" × .75" ‡	1032210	.750 × .062	0.5	13	2.3	10.1	3.4	15.1	4.4	19.7	5.4	23.9	0.042	0.062
Eagle Orange 85	.062" × 1.5"	1032148	1.50 × .062	0.5	13	2.6	11.6	3.9	17.4	5.1	22.7	6.2	27.6	0.048	0.072
Eagle Orange 85	.062" × 1.75"	1032155	1.75 × .062	0.5	13	3	13.5	4.6	20.3	6	26.5	7.2	32.2	0.056	0.084
Eagle Orange 85	.062" × 2"	1032160	2.00 × .062	0.5	13	3.5	15.5	5.2	23.2	6.8	30.3	8.3	36.8	0.064	0.096
Eagle Orange 85	.062" × 3"	1032170	3.00 × .062	0.5	13	5.2	23.2	7.8	34.8	10.2	45.5	12.4	55.2	0.097	0.144
Eagle Orange 85	.078" × .75"	1032136	.750 × .078	0.62	16	1.6	7.3	2.4	10.9	3.2	14.2	3.9	17.3	0.03	0.045
Eagle Orange 85	.090" × 1"	1032142	1.00 × .090	0.72	18	2.5	11.2	3.8	16.8	4.9	21.9	6	26.6	0.047	0.069
Eagle Orange 85	.090" × 1.25"	1032146	1.25 × .090	0.72	18	3.1	14	4.7	21	6.2	27.4	7.5	33.3	0.058	0.087
Eagle Orange 85	.090" × 1.5"	1032151	1.50 × .090	0.72	18	3.8	16.8	5.7	25.2	7.4	33	9	40	0.07	0.104
Eagle Orange 85	.090" × 2"	1032163	2.00 × .090	0.72	18	5	22.4	7.6	33.6	9.9	44	12	53.4	0.093	0.139
Eagle Orange 85	.125" × .625"	1032133	.625 × .125	1	25	2.2	9.7	3.3	14.5	4.3	19	5.2	23	0.04	0.06
Eagle Orange 85	.125" × 1"	1032143	1.00 × .125	1	25	3.5	15.5	5.2	23.3	6.9	30.5	8.3	37	0.065	0.096
Eagle Orange 85	.250" × .625"	1032134	.625 × .250	2	51	4.4	19.4	6.5	29	8.5	38	10.4	46.1	0.081	0.12

* Standard package length 100' / 30.5m

† w (width) is the widest part of the belt. h (height) is the tallest part of the belt, including the belting top surface.

‡ Belt has a .156" radius guide.

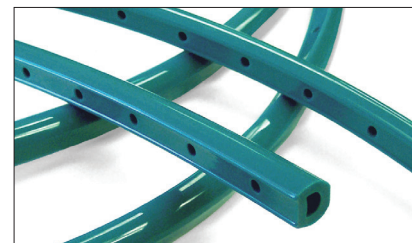
Dimensions are for reference only.

All listed items subject to a minimum order quantity. Consult factory for restrictions and availability.

Eagle® Blue-Green Driver Pad

- Manufactured to OEM specifications
- Always a consistent profile with ideal hole alignment
- Always in stock, ready to go to you!

Part Number	Package Length
4912092	250'
4912096	500'

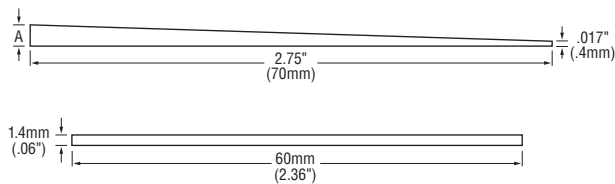




Eagle® Taper Edge Bands (TEB)

- Long lasting, minimal stretch replacement for PVC Bands on wallboard forming lines. Significantly increased life on lines exceeding 350'/min
- Fit and forget installation reduces labor and downtime costs
- Insignificant band stretch — the same perfect impression day 1 and day 100
- Temperature resistance up to 180°F (82°C)

COLOR	Durometer	Part Number		A† inches (mm)
		Left Side*	Right Side*	
Blue	63D	4938280BL	4938280BR	0.085 (2.2)
Red	63D	4938281BL	4938281BR	0.075 (1.9)
Green	63D	4938282BL	4938282BR	0.105 (2.7)
Light Blue	66D	4938290BL	4938290BR	0.085 (2.2)
Light Red	66D	4938291BL	4938291BR	0.075 (1.9)
Light Green	66D	4938292BL	4938292BR	0.105 (2.7)

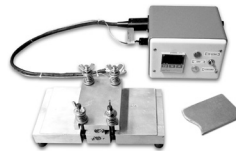


COLOR	Profile	Part Number	Dimensions mm (inches)
Natural	Square‡	4938286	1.4 x 60 (.06 x 2.36)

* As belt travels toward you
 † Also available in A dimensions .065" and .070" (1.7mm and 1.8mm)
 ‡ Non-stock product, minimum order quantity applies

Taper Edge Band Welding Kit

- Thermal splicing for a tough, seamless, flexible joint that maintains a perfect indentation
- Full weld in 12 minutes
- No board scrap generated from joint

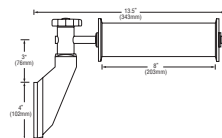


Profile	Part Number	Voltage	Plug
Blue	5700301	115v	US
Red	5700304	115v	US
Green	5700305	115v	US
Blue	5700306	240v	UK
Red	5700307	240v	UK
Green	5700308	240v	UK
Square	5700309	240v	UK

Kit includes: Platen Assembly, Controller, Cutting Shears, Finger Splice Template, Instructional Disc

Taper Edge Band Return Roller

- Prevents surface scoring due to Eagle Taper Edge Band rubbing against worn return support brackets
- Easy to install mounting bracket with hand knob for quick adjustment and release
- Solid polymer plain bearing allows low-friction rotation

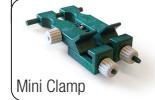
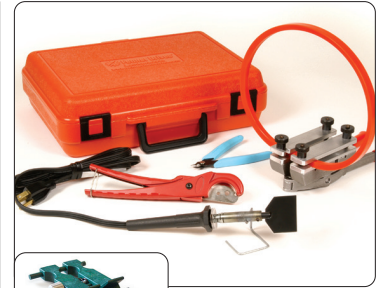


	Part Number	Ø	W ₁	W ₂
Bracket and Roller Assembly 8"	DA0041	2.375	13.5	8
Roller 8"	FX0395	2.375	13.5	8
Bracket and Roller Assembly 16"	DA0044	2.375	21.5	16
Roller 16"	FX0434	2.375	21.5	16

Eagle® Welding Kits

Butt Welding Kit & Components – 120V	Part Numbers
Butt Welding Kit 120V – Large Clamp (US Plug)	5700200
Mini Butt Welding Kit 120V – Mini Clamp (US Plug)	5700231
Butt Welding Clamp	5700201
Mini Clamp	5700227
Hot Knife 120V with holder and 2" blade	5700228
Double Iron Hot Knife 120V with holder and 3" blade	5700220
Hot Knife Holder	5700202
Hot Knife Blade – 2"	5700233
Hot Knife Blade – 3" (Use with 5700220)	5700218
Cutting Shears	5700153
Flash Cutter	1448000
Clamping Plate (2 pcs)	5700208
Flat/V belt adapter Plate (2 pcs)	5700209
Black Knurled Knob (5 pcs)	5700212
Case	5700203

Butt Welding Kit & Components – 240V	Part Numbers
Butt Welding Kit 240V – Large Clamp (US Plug)	5700223
Butt Welding Kit 240V – Large Clamp (UK Plug)	L04FULLWELD240V
Butt Welding Kit 240V – Large Clamp (Euro Plug)	L04FULLWELD240E
Mini Butt Welding Kit 240V – Mini Clamp (US Plug)	5700232
Mini Butt Welding Kit 240V – Mini Clamp (UK Plug)	L04MINIWELD240V
Mini Butt Welding Kit 240V – Mini Clamp (Euro Plug)	L04MINIWELD240E
Butt Welder Clamp	5700201
Mini Clamp	5700227
Hot Knife 240 V (US Plug)	5700222
Hot Knife 240 V (UK Plug)	L04HKNIFE240
Cutting Shears	L04SHEARS
Flash Cutter	L04FCUTTER
Hot Knife Blade – 2"	L04S
Case (Large Clamp)	L04CASEBKST
Case (Mini Clamp)	L04CASEBLM



Mini Clamp

Kit Includes: Hot Knife, Large Clamp or Mini Clamp, Flash Cutters, Cutting Shears, Carrying Case

Butt Welding Kit & Components – 110V*	Part Numbers
Butt Welding Kit 110V* – Large Clamp	L04FULLWELD110V
Mini Butt Welding Kit 110V* – Mini Clamp	L04MINIWELD110V

* Unit designed to plug into a power transformer

Eagle Freestyle® Cordless Welding	Part Numbers
Freestyle Welding Kit (US Plug)	5700539
Freestyle Welder	5700537
Freestyle Welder Blade Assembly	5700366
Freestyle Welder End Cap	5700367
Blade Replacement Tape 10/pk	5700542
Pack of 2 D cell NiMH batteries	5700541
Cutting Shears	5700153
Flash Cutter	1448000



Kit includes: Welder, Flat Plate Adapters, Professional Battery Charger, (4) D Cell NiMH Batteries, Blade Release Tape, Cutting Shears, Flash Cutters, Tool Bag

Overlap Welding Kit & Components	Part Numbers
Overlap Welding Kit 120V (US Plug)	5700160K
Overlap Welding Kit 240V (UK Plug)	5700161K
Flash Cutter	5700152
Case	5700164
Temperature Controller w/Control Box 120V (US Plug)	5700300
Temperature Controller w/Control Box 240V (UK Plug)	5700310
Heating Tip (Z Block)	5700325
Thumb Nuts	5700330
Hold Down Pin	5700340
Thermocouple Wire	5700350
Thermocouple Connector	5700355
Heating Element, Power Cord and Plug 120V (US Plug)	5700360
Heating Element, Power Cord and Plug 240V (UK Plug)	5700361
Plug Adapter – UK to EU	5700351
Spring	5700380
Heating Assembly Knob	5700390
1/4" and 5/16" Die Set	5700400
3/8" and 1/2" Die Set	5700410
9/16", 5/8" and 16mm Die Set	5700420
3/4" and 19mm Die	5700430
5mm Die	5700600
6mm Die	5700601

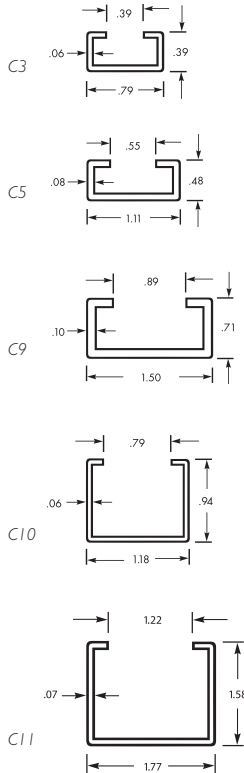
Overlap Welding Kit & Components	Part Numbers
7mm Die	5700602
8mm Die	5700603
9mm Die	5700604
10mm Die	5700605
12mm Die	5700606
18mm Die	5700608
20mm Die	5700620
Z/10 Die Set	5700610
A Hyfen Die Set	5700440
A/13 Die Set	5700611
A Ridge-Top Die Set	5700470
B Hyfen Die Set	5700453
B/17 Die Set	5700612
B Ridge-Top Die Set	5700490
C Hyfen Die Set	5700457
C/22 Die Set	5700613
D Hyfen Die Set	5700460
A Die Set for Hyfen CXF and CXR	5700480
B Die Set for Hyfen CXF and CXR	5700472
C Die Set for Hyfen CXF and CXR	5700476
D Die Set for Hyfen CXF and CXR	5700474



Kit Includes: Welder, Control Box, Set of Dies, Flash Cutters, Cutting Shears, Carrying Case

Trackstar® Mounting Channels

Installation is simple with standard 120" C channels in galvanized steel, 304 stainless steel, or anodized aluminum (C3 only). Either tack weld or bolt into place with optional mounting holes.



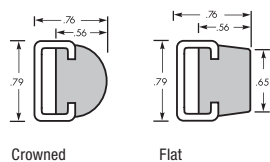
	Part Numbers	Material	Mounting Holes	Centers
C3 Mounting Channel	MC 0500*	Anodized Aluminum	None	-
	MC 1000	Galvanized Steel	None	-
	MC 1001	Galvanized Steel	.20 Diameter	12 inch
	MC 1500	#304 Stainless Steel	None	-
	MC 1501	#304 Stainless Steel	.20 Diameter	12 inch
C5 Mounting Channel	MC 2000	Galvanized Steel	None	-
	MC 2001	Galvanized Steel	.20 Diameter	12 inch
	MC 2500	#304 Stainless Steel	None	-
	MC 2501	#304 Stainless Steel	.20 Diameter	12 inch
C9 Mounting Channel	MC 3000	Galvanized Steel	None	-
	MC 3500	#304 Stainless Steel	None	-
C10 Mounting Channel	MC 4500	#304 Stainless Steel	None	-
C11 Mounting Channel	MC 5000	Galvanized Steel	None	-
	MC 5500*	#304 Stainless Steel	None	-

Trackstar Channels are stocked in North America and supplied in 120" standard lengths. Subject to a minimum order quantity. Dimensions are in inches and are for reference only.

* Call for quote and lead time

Trackstar Guide Rails

The "C" channel design features a two-piece construction for quick and easy replacement of UHMW inserts. "C" channel guide rails are available in Black or White (FDA/USDA approved material.)



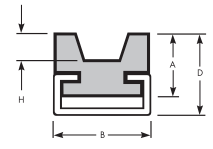
	Profile/Color	Part Numbers			
		Galvanized Channel	Stainless Steel Channel	Aluminum Channel	UHMW Only
C3 Guide Rail	Crowned/Black	GR1000-3G120.00	GR1000-3S120.00	GR1000-3A120.00*	GR1000
	Crowned/White	GR1001-3G120.00	GR1001-3S120.00	GR1001-3A120.00*	GR1001
	Flat/Black	GR1100-3G120.00*	GR1100-3S120.00*	GR1100-3A120.00*	GR1100
	Flat/White	GR1101-3G120.00	GR1101-3S120.00	GR1101-3A120.00*	GR1101

Trackstar Guides are stocked in North America and supplied in 120" standard lengths. Subject to a minimum order quantity. Dimensions are in inches and are for reference only.

* Call for quote and lead time

Trackstar® V Belt Guides

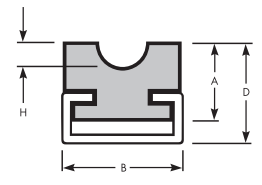
	Belt Cross Section	Part Numbers			Minimum Order Quantity	Channel Type	A	B	D	H
		Galvanized Channel	Stainless Steel Channel	UHMW Only						
V Belt Guide with Mounting Channel	6x4, 8x5, 10x4 mm, Z/10, 3L	GB2000-3G*	GB2000-3S*	GB2000*	56	C3	0.59	0.79	0.8	0.16
	A	GB2001-3G	GB2001-3S	GB2001	-	C3	0.59	0.79	0.8	0.2
	A Twin	GB2006-5G	GB2006-5S	GB2006	-	C5	0.59	1.42	0.84	0.2
	B	GB2002-5G	GB2002-5S	GB2002	-	C5	0.59	1.1	0.84	0.29
	C	GB2003-5G	GB2003-5S	GB2003	-	C5	0.71	1.1	0.96	0.4



* Call for lead time

Trackstar Round Belt Guides

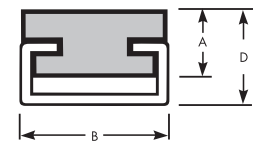
	Belt Cross Section	Part Numbers			Minimum Order Quantity	Channel Type	A	B	D	H
		Galvanized Channel	Stainless Steel Channel	UHMW Only						
Belt Guide w/ Mounting Channel	4mm, 5mm, 3/16"	GB1006-3G*	GB1006-3S*	GB1006*	56	C3	0.59	0.79	0.8	0.13
	6mm, 1/4"	GB1000-3G*	GB1000-3S*	GB1000*	56	C3	0.59	0.79	0.8	0.16
	7mm, 8mm, 5/16"	GB1001-3G*	GB1001-3S*	GB1001*	56	C3	0.59	0.79	0.8	0.19
	9mm, 9.5mm, 3/8"	GB1002-5G	GB1002-5S	GB1002	-	C5	0.59	1.1	0.84	0.22
	10mm, 12mm, 12.7mm, 1/2"	GB1003-5G	GB1003-5S	GB1003	-	C5	0.59	1.1	0.84	0.28
	13mm, 14mm, 9/16"	GB1004-5G	GB1004-5S	GB1004	-	C5	0.59	1.1	0.84	0.32
	15mm, 16mm, 5/8"	GB1005-5G	GB1005-5S	GB1005	-	C5	0.71	1.1	0.94	0.35
	18mm, 19mm, 20mm, 3/4"	GB1007-5G*	GB1007-5S*	GB1007*	18	C5	1.02	1.1	1.26	0.41



* Call for lead time

Trackstar Flat Belt Guides

	Part Numbers			Minimum Order Quantity	Channel Type	A	B	D
	Galvanized Channel	Stainless Steel Channel	UHMW Only					
Flat Guide with Mounting Channel	GR2001-3G*	GR2001-3S*	GR2001*	40	C3	0.39	0.79	0.60
	GR2002-5G	GR2002-5S	GR2002	-	C5	0.39	1.10	0.64
	GR2003-9G	GR2003-9S	GR2003	-	C9	0.59	1.50	0.96



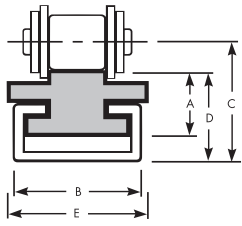
* Call for lead time

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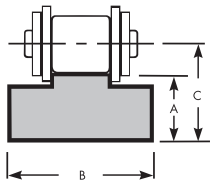
Trackstar® Single Chain Guide with Mounting Channel



ANSI Chain	Part Number			Minimum Order Quantity	Channel Type	A	B	C	D	E
	Galvanized	Stainless Steel	UHMW Only							
25-1	GC1025-3G*	GC1025-3S*	GC1025*	56	C3	0.59	0.79	0.86	0.80	0.79
35-1	GC1035-3G*	GC1035-3S*	GC1035*	56	C3	0.59	0.79	0.90	0.80	0.79
40-1	GC1040-3G	GC1040-3S	GC1040	-	C3	0.59	0.79	0.95	0.80	0.79
50-1	GC1050-3G	GC1050-3S	GC1050	-	C3	0.59	0.79	1.00	0.80	0.79
60-1	GC1060-5G	GC1060-5S	GC1060	-	C5	0.59	1.10	1.06	0.83	1.10
80-1	GC1080-5G	GC1080-5S	GC1080	-	C5	0.71	1.10	1.26	0.95	1.34
81X	GC1081-5G*	GC1081-5S*	GC1081*	23	C5	1.25	1.10	1.95	1.50	1.75
100-1	GC1100-9G*	GC1100-9S*	GC1100*	45	C9	0.79	1.50	1.54	1.16	1.75
120-1	GC1120-9G*	GC1120-9S*	GC1120*	45	C9	0.79	1.50	1.60	1.16	2.12

* Call for lead time

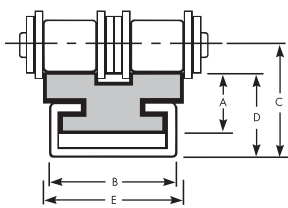
Trackstar Single Chain Guide



ANSI Chain	Part Number	A	B	C	Minimum Order Quantity
25-1	NC1025*	0.59	0.79	0.66	56
35-1	NC1035*	0.59	0.79	0.69	56
40-1	NC1040	0.59	0.79	0.75	-
50-1	NC1050	0.59	0.79	0.79	-
60-1	NC1060	0.59	1.10	0.82	-
80-1	NC1080	0.71	1.34	1.02	-
81X	NC1081*	1.00	1.75	1.45	23
100-1	NC1100*	1.00	1.61	1.38	45
120-1	NC1120*	1.25	2.01	1.69	45

* Call for lead time

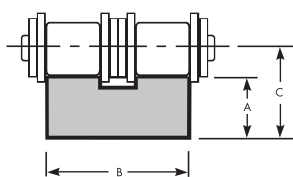
Trackstar Double Chain Guide with Mounting Channel



ANSI Chain	Part Number			Channel Type	A	B	C	D	E
	Galvanized	Stainless Steel	UHMW Only						
25-2	GC2025-3G*	GC2025-3S*	GC2025*	C3	0.44	0.79	0.72	0.65	0.79
35-2	GC2035-3G*	GC2035-3S*	GC2035*	C3	0.59	0.79	0.89	0.80	0.57
40-2	GC2040-3G	GC2040-3S	GC2040	C3	0.59	0.79	0.95	0.80	0.85
50-2	GC2050-5G	GC2050-5S	GC2050	C5	0.59	1.10	1.03	0.84	1.06
60-2	GC2060-5G	GC2060-5S	GC2060	C5	0.59	1.10	1.06	0.84	1.34
80-2	GC2080-9G	GC2080-9S	GC2080	C9	0.79	1.50	1.47	1.16	1.75
100-2	GC2100-9G*	GC2100-9S*	GC2100*	C9	0.79	1.50	1.54	1.16	2.12

* Call for quote and lead time

Trackstar Double Chain Guide

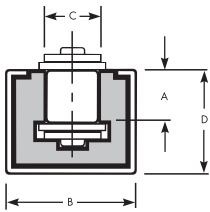


ANSI Chain	Part Number	A	B	C
25-2	NC2025*	0.59	0.78	0.66
35-2	NC2035*	0.59	0.78	0.69
40-2	NC2040*	0.85	0.85	1.00
50-2	NC2050*	1.07	1.07	1.27
60-2	NC2060*	1.34	1.34	1.57
80-2	NC2080*	1.75	1.75	2.06

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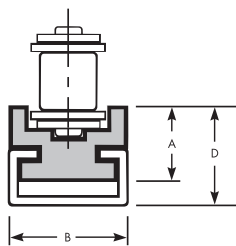
Trackstar® Single Chain Guide with Mounting Channel



ANSI Chain	Part Number			Channel Type	A	B	C	D
	Galvanized	Stainless Steel	UHMW Only					
25-1	GS1025-9G*	GS1025-9S*	GS1025*	C9	0.11	1.50	0.15	0.71
35-1	GS1035-0G*	GS1035-0S*	GS1035*	C10	0.17	1.19	0.22	0.94
40-1	GS1040-0G	GS1040-0S	GS1040	C10	0.29	1.19	0.33	0.94
50-1	GS1050-0G	GS1050-0S	GS1050	C10	0.35	1.19	0.42	0.94
60-1	GS1060-0G	GS1060-0S	GS1060	C10	0.47	1.19	0.49	1.05
80-1	GS1080-1G	GS1080-1S	GS1080	C11	0.60	1.77	0.65	1.58
100-1	GS1100-1G*	GS1100-1S*	GS1100*	C11	0.73	1.77	0.78	1.58

* Call for quote and lead time

Trackstar Single Chain Guide with Mounting Channel

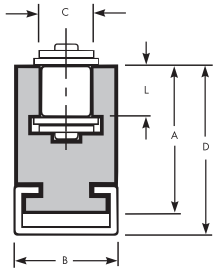


ANSI Chain	Part Number			Channel Type	A	B	D
	Galvanized	Stainless Steel	UHMW Only				
25-1	GC3525-3G*	GC3525-3S*	GC3525*	C3	0.59	0.79	0.80
35-1	GC3535-3G*	GC3535-3S*	GC3535*	C3	0.59	0.79	0.80
40-1	GC3540-3G*	GC3540-3S*	GC3540*	C3	0.59	0.79	0.80
50-1	GC3550-5G*	GC3550-5S*	GC3550*	C5	0.71	1.10	0.96
60-1	GC3560-5G*	GC3560-5S*	GC3560*	C5	0.71	1.10	0.96
80-1	GC3580-9G*	GC3580-9S*	GC3580*	C9	0.79	1.50	1.16

* Call for quote and lead time



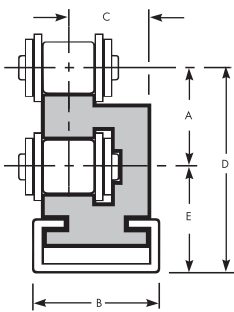
Trackstar® Single Chain Guide with Mounting Channel



ANSI Chain	Part Number			Channel Type	A	B	C	D	L
	Galvanized	Stainless Steel	UHMW Only						
25-1	GC3625-3G*	GC3625-3S*	GC3625*	C3	0.80	0.79	0.15	1.01	0.11
35-1	GC3635-3G*	GC3635-3S*	GC3635*	C3	0.80	0.79	0.22	1.01	0.17
40-1	GC3640-5G*	GC3640-5S*	GC3640*	C5	1.01	1.10	0.33	1.25	0.29
50-1	GC3650-9G*	GC3650-9S*	GC3650*	C9	1.24	1.50	0.42	1.61	0.35
60-1	GC3660-9G*	GC3660-9S*	GC3660*	C9	1.66	1.50	0.50	2.03	0.47
80-1	GC3680-9G*	GC3680-9S*	GC3680*	C9	2.26	1.50	0.65	2.63	0.60

* Call for quote and lead time

Trackstar Single Chain Guide with Mounting Channel



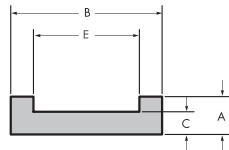
ANSI Chain	Part Number			Channel Type	A	B	C	D	E
	Galvanized	Stainless Steel	UHMW Only						
35-1	GT1035-3G*	GT1035-3S*	GT1035*	C3	0.67	0.79	0.71	1.24	0.57
40-1	GT1040-3G*	GT1040-3S*	GT1040*	C3	0.59	0.79	0.65	1.16	0.57
50-1	GT1050-3G*	GT1050-3S*	GT1050*	C3	0.77	0.79	0.62	1.46	0.69
60-1	GT1060-5G*	GT1060-5S*	GT1060*	C5	0.89	1.11	0.87	1.60	0.70

* Call for quote and lead time

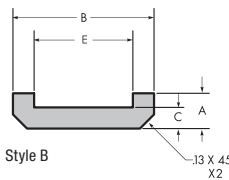


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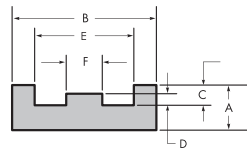
Double Pitch Chain Guides



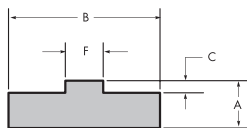
Style A



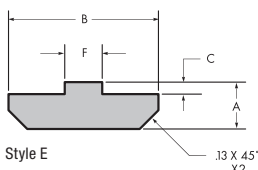
Style B



Style C



Style D



Style E

Part Number	Chain Number	Dimensions (inches)						Minimum Order Quantity
		A	B	C	D	E	F	
STYLE A								
DPA2040*	2040	0.31	1.25	0.19	-	0.88	-	-
DPA2050*	2050	0.38	1.25	0.22	-	1.00	-	-
DPA2060*	2060	0.38	1.50	0.19	-	1.25	-	-
DPA2080*	2080	0.50	2.00	0.25	-	1.56	-	-
DPA2100*	2100	0.63	2.25	0.31	-	1.88	-	-
DPA2120*	2120	0.63	2.75	0.25	-	2.25	-	-
DPA2081*	81X	1.00	3.00	0.38	-	2.50	-	14
STYLE B								
DPB2040*	2040	0.31	1.25	0.19	-	0.88	-	-
DPB2050*	2050	0.38	1.25	0.22	-	1.00	-	-
DPB2060*	2060	0.38	1.50	0.19	-	1.25	-	-
DPB2080*	2080	0.50	2.00	0.25	-	1.56	-	-
DPB2100*	2100	0.63	2.25	0.31	-	1.88	-	63
DPB2120*	2120	0.63	2.75	0.25	-	2.25	-	63
STYLE C								
DPC2040*	2040	0.31	1.00	0.14	0.08	0.69	0.25	-
DPC2050*	2050	0.38	1.25	0.19	0.10	0.81	0.31	-
DPC2060*	2060	0.50	1.50	0.21	0.12	1.13	0.44	-
DPC2080*	2080	0.50	2.00	0.25	0.13	1.44	0.56	-
STYLE D								
DPD2040*	2040	0.31	1.00	0.08	-	-	0.25	-
DPD2050*	2050	0.31	1.25	0.10	-	-	0.31	-
DPD2060*	2060	0.31	1.25	0.12	-	-	0.44	-
DPD2080*	2080	0.38	1.50	0.13	-	-	0.56	-
DPD2100*	2100	0.50	2.00	0.21	-	-	0.69	-
DPD2120*	2120	0.50	2.25	0.26	-	-	0.94	-
STYLE E								
DPE2040*	2040	0.31	1.00	0.08	-	-	0.25	-
DPE2050*	2050	0.31	1.25	0.10	-	-	0.31	-
DPE2060*	2060	0.31	1.25	0.12	-	-	0.44	-
DPE2080*	2080	0.38	1.50	0.13	-	-	0.56	-
DPE2100*	2100	0.50	2.00	0.21	-	-	0.69	-
DPE2120*	2120	0.50	2.25	0.26	-	-	0.94	-

* Call for lead time

Chain Breakers



Part Number	Description
5810100	#1 Chain Breaker 25-60 Chain
5810200	#2 Chain Breaker 60-100 Chain
5810300	#3 Chain Breaker 100-160 Chain

Chain Pullers



Part Number	Description
5800350	#35 Chain Puller 35 - 60 Chain
5800500	#50 Chain Puller 40 - 80 Chain
5800800	#80 Chain Puller 80 - 240 Chain

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