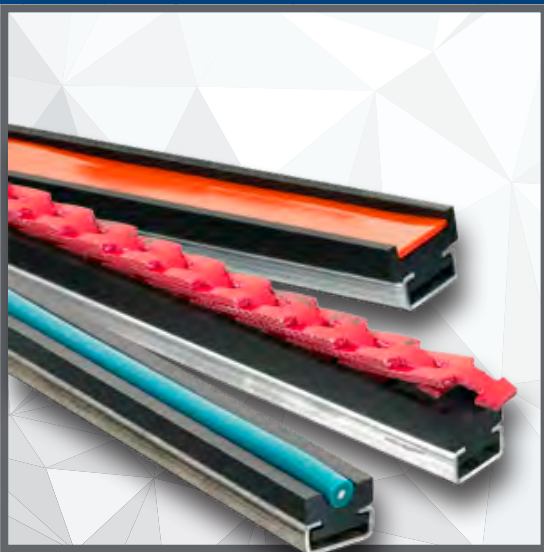




**POWER TRANSMISSION &
CONVEYOR BELTING**



POWERTWIST® EAGLE®

Trackstar® *SUPERTLINK*® *NUTLINK*®

CONVEYING SOLUTIONS



POWERTWIST MOVE® Conveyor Link Belting

- Install in minutes without dismantling conveyor components – no welding required
- Unaffected by extremes of temperature, 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



Eagle® Polyurethane Belting

- Comprehensive range of high quality non-reinforced and reinforced belting in round and V profiles; also available with special top surfaces
- Over 400 FDA compliant products
- Custom design capabilities: special profiles, dual durometer, static dissipative, UV stabilized, tracking features, ridged profiles



Trackstar® UHMW Belt & Chain Guides

- Fight friction and reduce costs with long-wearing UHMW belt and chain guides
- Wide range of standard profiles for use in guiding belts, chain and cables
- Available from stock with same-day shipping
- Two-piece guide and channel design simplifies installation and replacement

POWER TRANSMISSION SOLUTIONS



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



Count on Fenner Drives®. We've got the right product for your application.

With over 100 years of manufacturing, technical and commercial expertise, Fenner Drives is a global leader in value-adding, problem-solving products for conveying and power transmission applications. Recognized widely for our expertise and innovation, we blend reliability, quality and value in our products while providing unsurpassed technical support and service.

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.

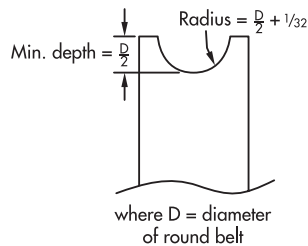


Figure 1a

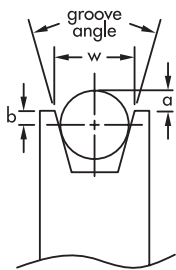


Figure 1b

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
2L	1.50" to 1.99" O.D.	34°	3/16"	.243	.016	.078
			1/4"	.243	.153	-.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.

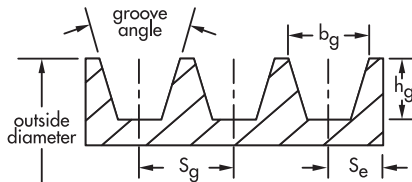


Figure 2

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
	Over 5.4"	38° ±0.33°	.504 ±.005			-.062
B/17	Up thru 7.0"	34° ±0.33°	.637 ±.006	.550	.750 ±.025	.500 +.120
	Over 7.0"	38° ±0.33°	.650 ±.006			-.065
C/22	Up thru 7.99"	34° ±0.33°	.879			
	8.0" thru 12.0"	36° ±0.33°	.887 ±.007	.750	1.000 ±.025	.688 +.160
	Over 12.0"	38° ±0.33°	.895			-.070
D/32	Up thru 12.99"	34° ±0.33°	1.259			
	13.0" thru 17.0"	36° ±0.33°	1.271 ±.008	1.020	1.438 ±.025	.875 +.220
	Over 17.0"	38° ±0.33°	1.283			-.080
3L	2.2" thru 3.1"	34° ±0.33°	.364 ±.005	.406	.500 ±.025	.313 +.062
	Over 4.2"	38° ±0.33°				-.032

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.

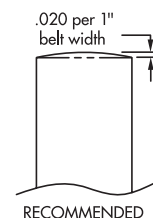


Figure 3a

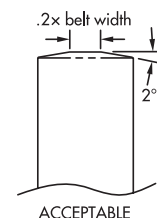


Figure 3b

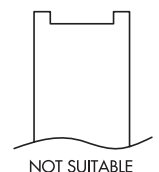


Figure 3c

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.

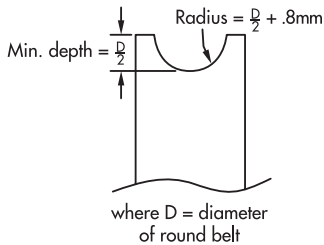


Figure 1a

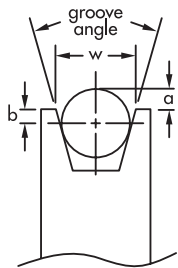


Figure 1b

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.

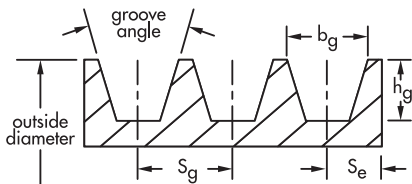


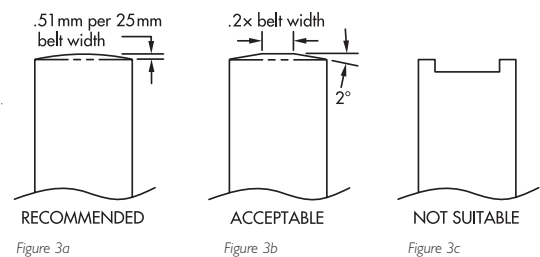
Figure 2

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.



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%)	Install Length = 1120mm ÷ (1 + 8%)
= 44" ÷ 1.08	= 1120mm ÷ 1.08
= 40.7"	= 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"	Install Length = 1120mm + 38mm
= 45.5"	= 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)	Install Length = 1120mm - (1120 x .02)
= 44" - 0.88"	= 1120mm - 22.40
= 43.12"	= 1097.60mm

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 (T_1).
 Flat and round belts: $T_1 = T_e \times 2$
 V belts: $T_1 = T_e \times 1.25$
- Refer to the Technical Data chart for the material and cross section selected and compare T_1 to the Working Load at maximum % tension. If only one belt is desired, T_1 may not be greater than the Working Load at maximum % tension. If more than one belt is required, divide T_1 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 T_1 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	Color	Part Number	Dimensions Ø		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)	lbs/ft	kg/m
Eagle® Orange 85		L04OG856M	6	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 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 (T_1).
 round belts $T_1 = 7.01 \times 2 = 14.02$
- Refer to the Technical Data chart for the material and cross section selected and compare T_1 to the Working Load at 10% tension. If only one belt is desired, T_1 may not be greater than the Working Load at 10% tension. If more than one belt is required, divide T_1 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 T_1 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 (T_1).
 round belts $T_1 = 2.802 \times 2 = 5.604 \text{ kg} = 54.98 \text{ Newtons} (5.604 \times 9.81)$
- Refer to the Technical Data chart for the material and cross section selected and compare T_1 to the Working Load at 10% tension. If only one belt is desired, T_1 may not be greater than the Working Load at 10% tension. If more than one belt is required, divide T_1 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 T_1 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

A Cross Section V Belting

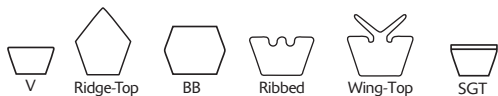


NON-REINFORCED	Material and Color	Cross Section	Part Number*	Dimensions w × h†		Minimum Pulley Ø		Working Load @ Percent Tension								Weight	
				(in)	(mm)	(in)	(mm)	4% (lbs)	4% (N)	6% (lbs)	6% (N)	8% (lbs)	8% (N)	10% (lbs)	10% (N)	lbs/ft	kg/m
	Eagle® Blue 80 EC	A/13	4928013		13 × 8	2.2	56	3.4	14.9	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	L04I85A	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	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	kg/m
	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	1.19 × 0.41		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	0.50 × 0.51		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
 † 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.

Conveying - Eagle® Polyurethane

B 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%		6%		8%		10%		lbs/ft	kg/m
								(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(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	L04I85B	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† (in) (mm)		Minimum Pulley Ø (in) (mm)		Working Load @ Percent Tension								Weight	
								1%		2%		3%		4%		lbs/ft	kg/m
								(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)		
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	

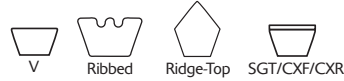
* Standard package length 100' / 30.5m

† 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.

C Cross Sections



V Belting

NON-REINFORCED		Part Number*	Dimensions w × h†		Minimum Pulley Ø	Working Load @ Percent Tension								Weight		
Material and Color	Cross Section		(in)	(mm)		(in)	(mm)	4% (lbs)	4% (N)	6% (lbs)	6% (N)	8% (lbs)	8% (N)	10% (lbs)	10% (N)	lbs/ft
Eagle® Orange 85	C/22	1032072	29/32 × 17/32	23 × 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 × 17/32	23 × 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 × 9/16	22 × 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 Blue 85	C/22	L04BL85C	7/8 × 9/16	22 × 14.5	4.5	116	12	54	20.3	91.5	28.5	128.4	36.2	162.6	0.199	0.296
Eagle Green 89	C/22	L04G89C	7/8 × 9/16	22 × 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 × 9/16	22 × 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 × 9/16	22 × 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 × 17/32	23 × 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 × 9/16	22 × 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 × 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 × 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 × 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 × 0.72	22 × 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 × 0.78	22 × 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 × 0.73	22 × 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 × 0.78	22 × 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 × 0.78	22 × 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 × 0.78	22 × 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 × h†		Minimum Pulley Ø	Working Load @ Percent Tension								Weight		
Material and Color	Cross Section		(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	C	5260400	7/8 × 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 × 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 × 9/16	22 × 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 × 9/16	22 × 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 × 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 × 9/16	22 × 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 × 9/16	22 × 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 × 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 × 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 × 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 × 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 × 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 × 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 × 0.72	22 × 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 × 0.78	22 × 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 × 0.73	22 × 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 × h†		Minimum Pulley Ø	Working Load @ Percent Tension								Weight		
Material and Color	Cross Section		(in)	(mm)		(in)	(mm)	4% (lbs)	4% (N)	6% (lbs)	6% (N)	8% (lbs)	8% (N)	10% (lbs)	10% (N)	lbs/ft
Eagle Orange 85	D/32 Ribbed	1032062	1-5/16 × 3/4	33.5 × 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 × h†		Minimum Pulley Ø	Working Load @ Percent Tension								Weight		
Material and Color	Cross Section		(in)	(mm)		(in)	(mm)	1% (lbs)	1% (N)	2% (lbs)	2% (N)	3% (lbs)	3% (N)	4% (lbs)	4% (N)	lbs/ft
Eagle Hyfen 85 CXF	D	5260550	1.25 × 0.85		10.88	276	77.1	343	111	493.6	149.5	665	189.4	842.4	0.448	0.667
Eagle Hyfen 85 CXR	D	5260555	1.25 × 0.85		10.88	276	77.1	343	111	493.6	149.5	665	189.4	842.4	0.412	0.612

* 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	.055 × .375	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	.062 × .500	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	.062 × .750	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	.062 × 1.50	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	.062 × 1.75	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	.062 × 2.00	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	.062 × 3.00	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	.075 × .750	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	.090 × 1.00	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	.090 × 1.25	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	.090 × 1.50	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	.090 × 2.00	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	.125 × .625	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	.125 × 1.00	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	.250 × .625	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

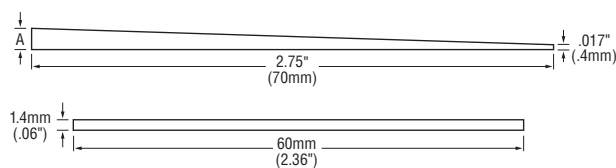
- Manufactured to OEM specifications
- Always a consistent profile with ideal hole alignment
- Contains 100% virgin material, allowing maximum performance
- Always in stock, ready to go to you!



Part Number	Package Length
4912092	250'
4912096	500'

Eagle® Taper Edge Bands

- 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
- Negligible band stretch — the same perfect impression day 1 and day 100
- Temperature resistance up to 180°F (82°C)



COLOR	Part Number		A† inches (mm)
	Left Side*	Right Side*	
Blue	4938280BL	4938280BR	0.085 (2.2)
Red	4938281BL	4938281BR	0.075 (1.9)
Green	4938282BL	4938282BR	0.105 (2.7)

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

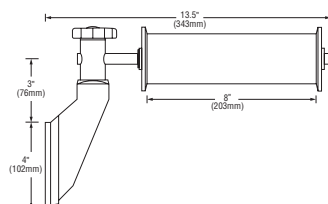


Profile	Part Number	Voltage	Plug
Blue	5700301	115v	US
Red	5700304	115v	US
Green	5700305	115v	US
Blue	5700306	240v	UK
Red	5700307	240v	UK
Green	5700308	240v	UK
Square	5700309	240v	UK

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
Bracket and Roller Assembly	DA0041
Roller	FX0395

Roller dimensions:

2.375" diameter × 8" width

(60.3mm diameter × 203.2mm width)



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