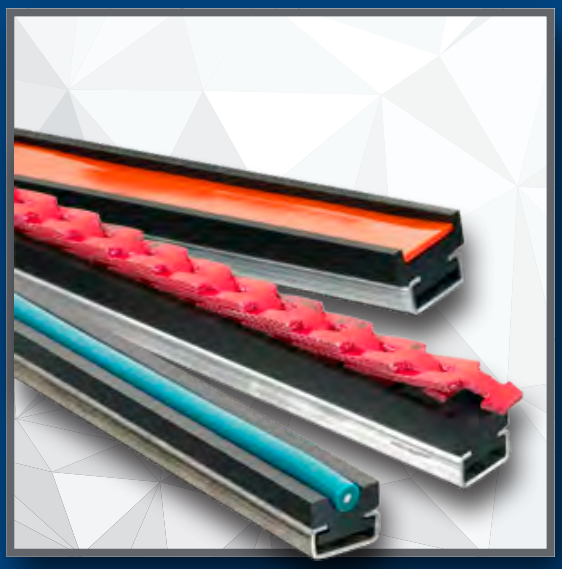


Fenner Drives®

POWER TRANSMISSION & CONVEYOR BELTING

POWERTWIST® EAGLE®

Trackstar® SUPER T LINK® NU T LINK®

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

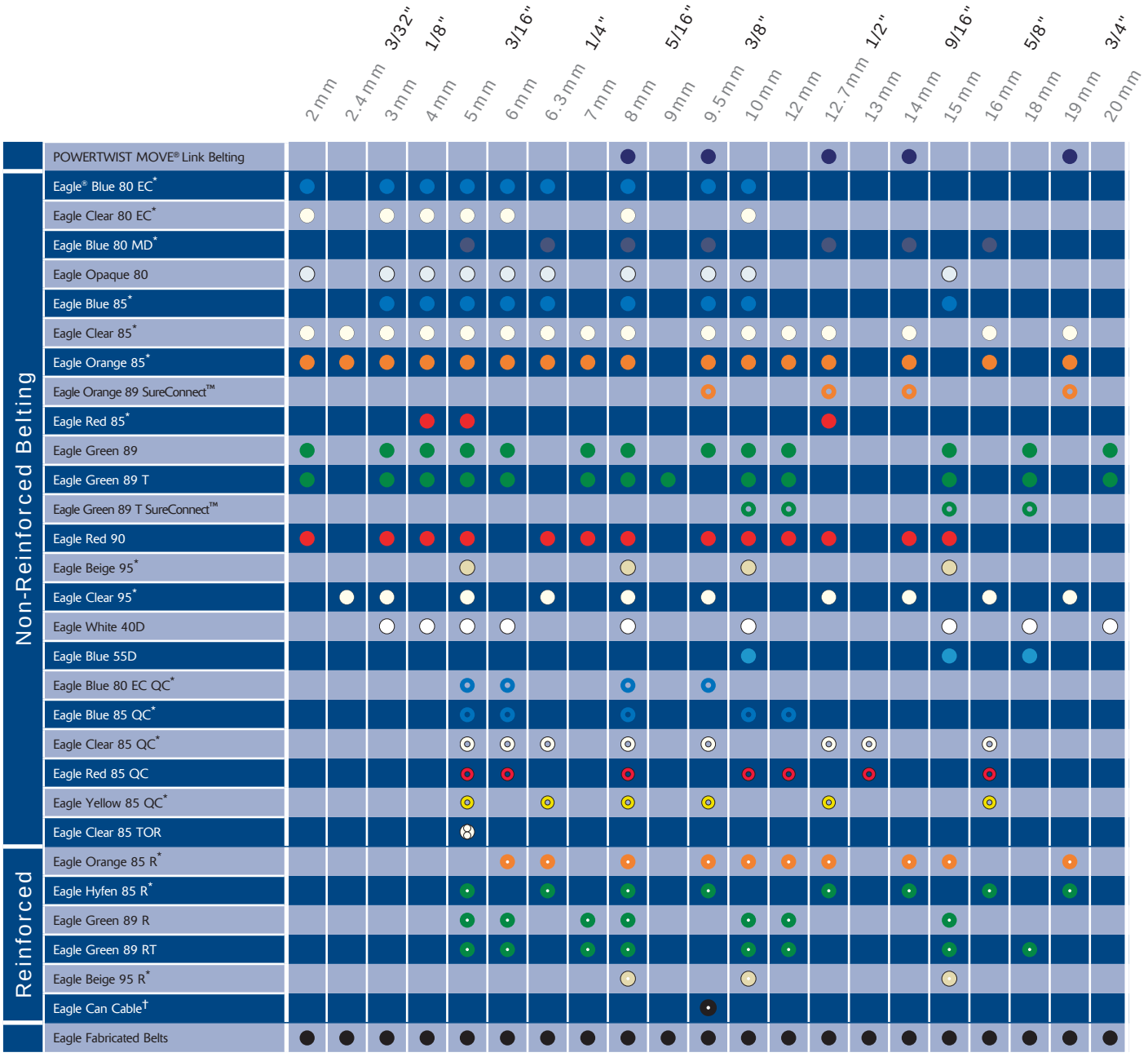
POWERTWIST DRIVE®, SuperTLink®, and NuTLink® V-Belting

- 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.

BELTING SELECTION



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*

* *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.*

- *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.*

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.

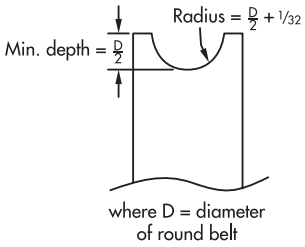


Figure 1a

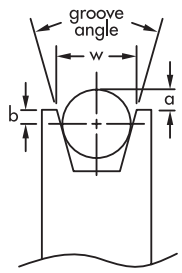


Figure 1b

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.

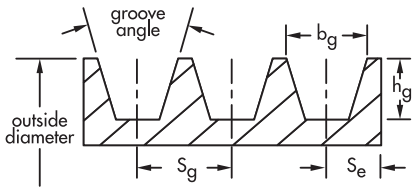


Figure 2

Cross Section	Datum Diameter Range	Groove Angle	b_g (inches)	h_g min (inches)	S_g (inches)	S_e (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			
B/17	Up thru 7.0"	34° ±0.33°	.637 ±.006	.550	.750 ± .025	.500 +.120 –.065
	Over 7.0"	38° ±0.33°	.650			
C/22	Up thru 7.99"	34° ±0.33°	.879	.750	1.000 ± .025	.688 +.160 –.070
	8.0" thru12.0"	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.

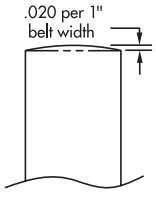


Figure 3a

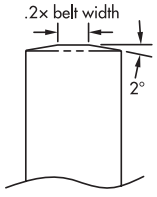


Figure 3b

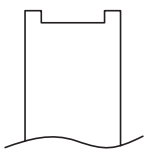


Figure 3c

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.

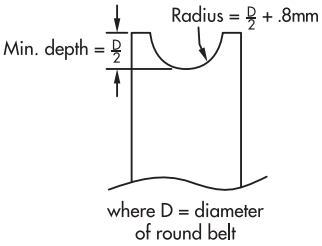


Figure 1a

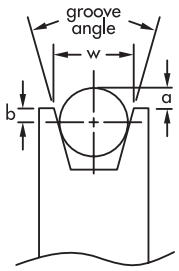


Figure 1b

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.

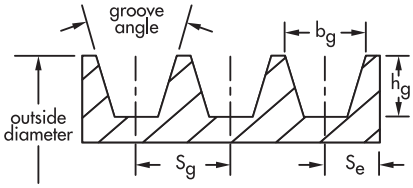


Figure 2

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.

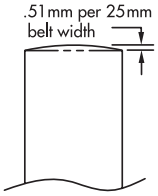


Figure 3a

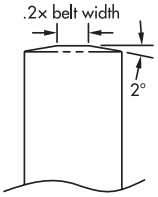


Figure 3b

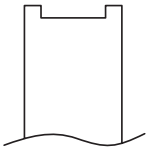


Figure 3c

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 + 38mm = 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 = 1097.60mm

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

1. Refer to the Technical Data chart for the belt material and cross section selected.
2. Use the following formula that meets your application requirements (Note: if belt supported by rollers use .17 for μ):
   a. Horizontal Transport with Slider Bed
      $T_e = W_t \times \mu + B_{wt}$
   b. Horizontal Transport with Slider Bed and Product Accumulation
      $T_e = W_t \times \mu + B_{wt} + A_{wt}$
   c. Incline or Decline Transport with Slider Bed
      $T_e = \frac{W_t}{C} \times (H_t + \mu \times \sqrt{C^2 + H_t^2}) + B_{wt}$
   d. Incline or Decline Transport with Slider Bed and Product Accumulation
      $T_e = \frac{W_t}{C} \times (H_t + \mu \times \sqrt{C^2 + H_t^2}) + B_{wt} + A_{wt}$

   Where:
   T_e = Effective Tension
   W_t = Total Weight on Conveyor
   C = Conveyor Center Distance
   B_{wt} = Belt weight/unit length × C
   A_{wt} = Accumulating weight × μ´
   (where μ´ is the COF between belt and product)
   H_t = Incline or decline height
   μ = COF on slider bed material from chart
3. Determine Tight Tension (T_1).
   Flat and round belts: $T_1 = T_e \times 2$
   V belts: $T_1 = T_e \times 1.25$
4. 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.
5. 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.

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 (in)	Dimensions Ø (mm)	Minimum Pulley Ø (in)	Minimum Pulley Ø (mm)	Working Load @ Percent Tension 4% (lbs)	4% (N)	6% (lbs)	6% (N)	8% (lbs)	8% (N)	10% (lbs)	10% (N)	Weight lbs/ft	Weight kg/m
Eagle® Orange 85	L04OG856M		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 Stainless Steel	Steel	UHMW	Contact Temperature Range °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 ¼" 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

2. 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 × 10').
T_e = 15 lbs × .45 + .26 = 7.01

3. Determine Tight Tension (T_1).
round belts T_1 = 7.01 × 2 = 14.02

4. 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.
¼" round rated 4.9 lbs @ 10% tension. 14.02 ÷ 4.9 = 2.86 use 3 belts

5. 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 ÷ 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

2. 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 × 3m).
T_e = 6 kg × .45 + .102 = 2.802 kg

3. Determine Tight Tension (T_1).
round belts T_1 = 2.802 × 2 = 5.604kg = 54.98 Newtons (5.604 × 9.81)

4. 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 ÷ 19.4 = 2.83 use 3 belts

5. 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 N ÷ 3 = 18.33 Newtons
Corresponding installed tension = 9.6%

Eagle® Belting Chemical Resistance Chart

Polyurethane is extremely resistant to many industrial oils and chemicals, but not all. Below are a wide variety of oils and chemicals found in industrial applications. Consult Fenner Drives Applications Engineering group for assistance on projects with design criteria outside these parameters, or obtain a sample belt and determine its compatibility in the precise operating conditions.

Acids	Rating
Acetic, 5%	C
Boric, 4%	C
Chromic	C
Citronic	C
Formic	C
HCl	B
Hydrochloric, 10%	C
Lactic	C
Nitric, >1%	C
Oleic	C
Phosphoric	C
Sulfuric, <20%	B
Sulfuric, >20%	C

Alkalines	Rating
Ammonia, >10%	C
Detergent, 1%	A
Potassium Hydroxide	B
Soap, 1%	A
Sodium Hydroxide, 10%	C

Aqueous Solutions	Rating
Aluminum Chloride, 10%	C
Ammonium Chloride, 10%	C
Bleaching Agent, 40%	B
Bleaching Agent, 100%	C
Calcium Chloride, 40%	C
Caustic Soda, 10%	B
Cola	A
Ferric Chloride, 10%	C
Hydrogen Peroxide, 3%	B
Isopropanol, 50%	C
Magnesium Chloride, 30%	C
Potassium Chloride, 40%	C
Potassium Dichromate, 10%	C
Potassium Permanganate, 5%	C
Sea Water	B
Sodium Bisulfate, 10%	C
Sodium Chloride, 10%	C
Sodium Hypochlorite, 5%	C
Sodium Thiosulfate, 20%	A
Water, Deionized	A

Fuels	Rating
ASTM Fuel A	A
ASTM Fuel B	C
ASTM Fuel C	C
Diesel Fuel	B
Gasoline, Premium	C
Gasohol (10-15% Methanol)	C
Jet Fuel, JP-4	A
Kerosene	A

Greases	Rating
Calcium Grease	B
Sodium Grease	B
Teflon Grease	A

Miscellaneous	Rating
Dioctyl Phthalate (DOP)	A
Ethylene Chloride	C
Ethylene Dichloride	C
Ethylene GlycoWater 50/50	C
Household Cleaner	B
Naptha	A
Silage (Silo) Juice	C
Natural Perspiration	B
Tincture of Iodine	C
Tricresyl Phosphate	C

Oils	Rating
ASTM Oil #1	A
ASTM Oil #2	A
ASTM Oil #3	A
Brake Fluid (ATE or ATS)	C
Gear Box Oil (SAE 90)	A
Hydraulic Fluid	C
Hydraulic/Water Emulsion	C
Mineral Oil	A
Motor Oil	A
Paraffin Oil	A
Petroleum (Texas Sour Crude)	A
Power Steering Fluid	B
Skydrol 500 Oil	C
Transmission Oil A	A

Solvents	Rating
Acetone	C
Aniline	C
Benzene	C
Benzyl Alcohol	C
Butane	C
Butyl Acetate	C
Butyl Alcohol	C
Carbon Tetrachloride	C
Chlorobenzane	C
Chloroform	C
Cyclohexane	C
Ethanol	C
Ether	C
Ethyl Acetate	C
Freon 11, 12, 22	C
Freon 113	A
Glycerine, Glycerol, Glycol	A
Heptane	B
Hexane	C
Isopropyl Alcohol	C
Methanol	C
Methyl Acetate	C
Methyl Ethyl Ketone	C
Methyl Glycol	C
Methylene Chloride	C
N-Methyl Pyrrolidone	C
Perchloroethylene	C
Pyridine	C
Turpentine	A
Tetrachloroethylene	C
Tetrahydrofuran	C
Toluene	C
Trichloroethylene	C
Xylene	C

Rating Key
A - Fluid has little or no effect
B - Fluid has minor to moderate effect
C - Fluid has severe effect

Trackstar® Chemical Resistance Chart

	UHMW-PE
Acids, Weak	S
Acids, Strong	L
Alkalies, Weak	S
Alkalies, Strong	S
Hydrocarbons, Aromatic	L
Hydrocarbons, Aliphatic	S
Ketones	S
Ethers	S
Esters	S
Alcohols	S
Inorganic Salt Solutions	S
Continuous Sunlight	U

S – Suitable
L – Limited Suitability
U – Unsuitable

Disclaimer: Fenner Drives accepts no responsibility nor makes any claims regarding suitability for a particular use or purpose.

For assistance, contact Fenner Drives Applications Engineering group at AE@fennerdrives.com.

EAGLE®
POLYURETHANE BELTING & O-RINGS

NON-REINFORCED Material and Color	Hardness	Compliancy	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**	**Compliancy**	**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*

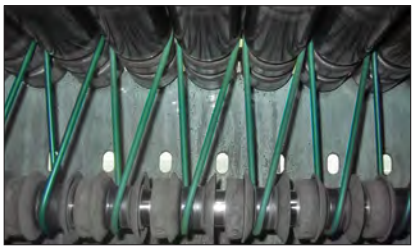
Note: Cogged Belting is not FDA compliant.

EAGLE®
TAPER EDGE BAND

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

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

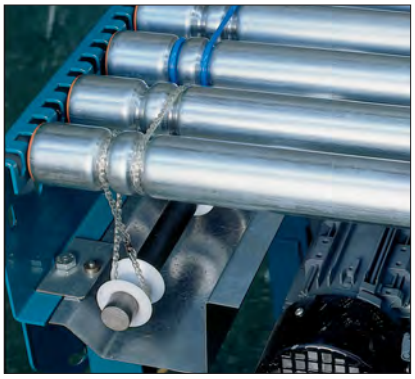


Twisted O-Rings

- 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

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

Additional sizes available upon request



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

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

Round

Round Belting

NON-REINFORCED						Working Load @ Percent Tension								Weight	
		Dimensions Ø		Minimum Pulley Ø		4%		6%		8%		10%			
Material and Color	**Part Number***	**(in)**	**(mm)**	**(in)**	**(mm)**	**(lbs)**	**(N)**	**(lbs)**	**(N)**	**(lbs)**	**(N)**	**(lbs)**	**(N)**	**lbs/ft**	**kg/m**
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	L04OP802M		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	L04OG852M		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	L04OP803M		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	L04OG853M		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

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% (lbs)	(N)	6% (lbs)	(N)	8% (lbs)	(N)	10% (lbs)	(N)	lbs/ft	kg/m
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	L04OP804		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	L04OG854		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 × .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 × .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	L04OP805M		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 × 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 × 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 × 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 × 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% (lbs)	(N)	2% (lbs)	(N)	3% (lbs)	(N)	4% (lbs)	(N)	lbs/ft	kg/m
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 (in)	(mm)	Minimum Pulley Ø (in)	(mm)	4% (lbs)	(N)	6% (lbs)	(N)	8% (lbs)	(N)	10% (lbs)	(N)	lbs/ft	kg/m
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	L04OP806M		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	L04OG856M		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 (in)	(mm)	Minimum Pulley Ø (in)	(mm)	1% (lbs)	(N)	2% (lbs)	(N)	3% (lbs)	(N)	4% (lbs)	(N)	lbs/ft	kg/m
Eagle Orange 85	L04OG856MR		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

Round Belting

NON-REINFORCED						Working Load @ Percent Tension								Weight	
						4%		6%		8%		10%			
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	lbs/ft	kg/m
Eagle® Orange 85	L04OG857M		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	L04OP808M		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	L04OG858M		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	
						1%		2%		3%		4%			
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	lbs/ft	kg/m
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	L04OG858R		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

Round Belting

NON-REINFORCED						Working Load @ Percent Tension								Weight	
		Dimensions Ø		Minimum Pulley Ø		4%		6%		8%		10%			
Material and Color	Part Number*	(in)	(mm)	(in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	lbs/ft	kg/m
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	76	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	76	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						Working Load @ Percent Tension								Weight	
		Dimensions Ø		Minimum Pulley Ø		1%		2%		3%		4%			
Material and Color	Part Number*	(in)	(mm)	(in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	lbs/ft	kg/m
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						Working Load @ Percent Tension								Weight	
		Dimensions Ø		Minimum Pulley Ø		1%		2%		3%		4%			
Material and Color	Part Number‡	(in)	(mm)	(in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	lbs/ft	kg/m
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.

10mm, 12mm, 12.7mm, 1/2" 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% (lbs)	(N)	6% (lbs)	(N)	8% (lbs)	(N)	10% (lbs)	(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	L04OP8010M		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	L04OG8510M		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	L04OG8512M		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						Working Load @ Percent Tension								Weight	
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	1% (lbs)	(N)	2% (lbs)	(N)	3% (lbs)	(N)	4% (lbs)	(N)	lbs/ft	kg/m
Eagle Orange 85	L04OG8510MR		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	L04OG8512R		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

Round Belting

NON-REINFORCED						Working Load @ Percent Tension								Weight	
						4%		6%		8%		10%			
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(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						Working Load @ Percent Tension								Weight	
						1%		2%		3%		4%			
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(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

Round Belting

NON-REINFORCED						Working Load @ Percent Tension								Weight	
						4%		6%		8%		10%			
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	lbs/ft	kg/m
Eagle® Opaque 80	L04OP8015M		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 × .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 × .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 × 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 × 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						Working Load @ Percent Tension								Weight	
						1%		2%		3%		4%			
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	(lbs)	(N)	lbs/ft	kg/m
Eagle Orange 85	L04OG8515MR		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						Working Load @ Percent Tension								Weight	
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	4% (lbs)	(N)	6% (lbs)	(N)	8% (lbs)	(N)	10% (lbs)	(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						**Working Load @ Percent Tension**								**Weight**	
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	1% (lbs)	(N)	2% (lbs)	(N)	3% (lbs)	(N)	4% (lbs)	(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						Working Load @ Percent Tension								Weight	
Material and Color	Part Number*	Dimensions Ø (in)	(mm)	Minimum Pulley Ø (in)	(mm)	4% (lbs)	(N)	6% (lbs)	(N)	8% (lbs)	(N)	10% (lbs)	(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.

Flat Belting

Flat

Flat with Guide

NON-REINFORCED Material and Color	Cross Section	Part Number*	Dimensions w × h† (in)	(mm)	Minimum Pulley Ø (in)	(mm)	Working Load @ Percent Tension 4% (lbs)	(N)	6% (lbs)	(N)	8% (lbs)	(N)	10% (lbs)	(N)	Weight 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.*

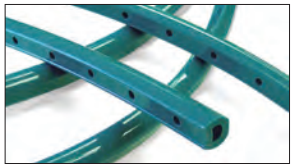
‡ *Belt has a .156" radius guide.*

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

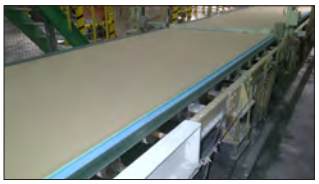
- Manufactured to OEM specifications
- Always a consistent profile with ideal hole alignment
- Contains 100% virgin material, allowing maximum performance
- Always in stock, ready to go to you!

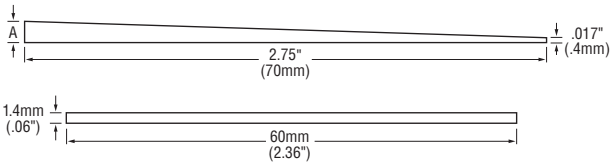


Part Number	Package Length
4912092	250'
4912096	500'

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 Left Side*	Part Number Right Side*	A† inches (mm)
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 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

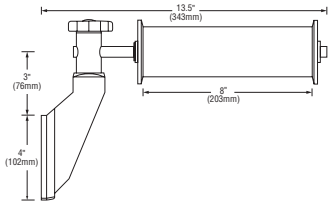
- Thermal splicing for a tough, seamless, flexible joint that maintains a perfect indentation
- Full weld in 12 minutes
- No board scrap generated from joint

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
Bracket and Roller Assembly	DA0041
Roller	FX0395

Roller dimensions:
2.375" diameter x 8" width
(60.3mm diameter x 203.2mm width)

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