

# FOOD PROCESSING

BELTS | KEYLESS LOCKING DEVICES



# Food Processing... From the Farm to the Fork!

From light, medium and heavy duty conveying, Fenner Drives has the right product for your food processing application.

## EAGLE<sup>®</sup> Blue 80 MD

FDA Compliant for dry and wet food applications up to 150°F. Laboratory testing has shown that a piece of ¼" diameter belt that is 0.125" in length has similar voltage signal to a mild steel test sphere 1.5mm in diameter when tested in a wet or conductive product.

- Typically liquid line systems are set to detect between 0.5mm and 2.5mm diameter test spheres.
- Packaged products are typically set to detect between 1.5mm and 4.0mm diameter test spheres.
- Applications that involve dry non-conductive products will require larger pieces for detection purposes.

## EAGLE<sup>®</sup> EC Belting

Premium Belting for Direct Food Contact.

- Independently tested and verified to meet the requirements of European Regulations 10/2011
- Suitable for repeat use food contact at high temperatures
- Eagle EC will not transfer its components into food quantities in typical process environments

## EAGLE<sup>®</sup> FDA Compliant Belting

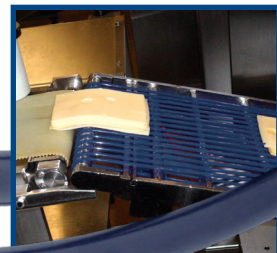
FDA compliancy is dependent upon three primary principles: Materials, Good Manufacturing Processes (GMP) and Testing.

- Materials used from only supplier certified FDA compliant materials
- Comprised of raw materials that are traceable and manufactured via controlled processes eliminating contamination
- Independently tested by a third party verified to meet FDA standards for direct food contact

## EAGLE<sup>®</sup> Can Cable Belting

REACH and RoHS 2002/95/EC Directive compliant

- Blue, Green and Natural are 100% polyester reinforced with high tensile cord;
- Red is a Fenner Drives engineered proprietary polymer blend
- Blue 55D Aramid is 100% polyester with high strength Aramid cord reinforcement
- Eagle Red 50D has a low coefficient of friction (LCF)





# EAGLE<sup>®</sup> Welding Kits

Minimize downtime and make your Eagle belting endless with one of our welding kits.

- Butt Welding Kit: Provides a high strength weld for either reinforced or non-reinforced belting
- Eagle Freestyle<sup>®</sup> Cordless Welding Kit: Weld anywhere – no electrical plug required during welding
- Overlap Welding Kit: By overlapping the reinforcing tensile member inside the finished belt you create the strongest weld you can make in the field



# B-LOC<sup>®</sup> & Trantorque<sup>®</sup> Keyless Locking Devices

## Trantorque and B-LOC Stainless Steel Keyless Bushings

Dry, wet, dusty, dirty, clean... our keyless bushings can handle every food environment!

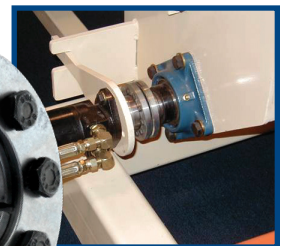
- Precise axial and radial positioning for mounting critical drive components
- Resists shock and torque reversals eliminating key wear and fretting corrosion
- Can be mounted over existing key shafts



## B-LOC WK Couplings

Versatile installation, design flexibility and extra heavy duty capacity.

- Keyless, rigid, zero backlash coupling
- Eliminates shaft misalignment
- Compact, double taper design and self-releasing tapers for easy removal



# Compliance for the Food Industry

Over 400 of our Eagle Belting products are independently tested and verified as FDA Compliant. Choose from a broad range of durometers, colors and profiles for the right product for your application. Compliance certification letters available at [www.fennerdrives.com/ehs](http://www.fennerdrives.com/ehs)

## EAGLE Blue 80 MD

FDA Compliant for dry and wet food applications up to 150°F (66°C). Laboratory testing has shown that a piece of ¼" diameter belt that is 0.125" in length has similar voltage signal to a mild steel test sphere 1.5mm in diameter when tested in a wet or conductive product.

- Typically liquid line systems are set to detect between 0.5mm and 2.5mm diameter test spheres.
- Packaged products are typically set to detect between 1.5mm and 4.0mm diameter test spheres.
- Applications that involve dry non-conductive products will require larger pieces for detection purposes.

## EAGLE EC Belting

Independently tested and verified to meet the requirements of European Regulation 10/2011 (and the legislation which it replaces; Commission Directive 2002/72/EC) within the framework defined by the Regulation 1935/2004/EC (27/10/2004) relating to plastic materials and articles intended to come into direct contact with foodstuffs.

- Suitable for repeat use food contact at temperatures up to 40°C (104°F) over a period of up to one hour with all food types having a pH of greater than 4.5.
- When used in a range of "typical" process environments, Eagle EC belting will not transfer its components into food in quantities that could endanger human health, change the composition of the food in an unacceptable way or deteriorate the taste and smell of foodstuffs.
- Available in Blue and Clear in Round, Vee or T-Top profiles.

## EAGLE FDA Compliant Belting

FDA compliancy is dependent upon three primary principles: Materials, Good Manufacturing Processes (GMP), and Testing.

- Materials: Only supplier certified FDA compliant materials per regulations CFR 21 177.1680, CFR 21 177.2600 and CFR 21 178.3297 are used to manufacture Fenner Drives FDA compliant Eagle Belting.
- Good Manufacturing Processes (GMP): Fenner Drives FDA compliant Eagle Belting is manufactured in accordance to CFR 21 110. The products are comprised of raw materials that are traceable by lot number and are manufactured via controlled processes to eliminate contamination.
- Testing: Fenner Drives FDA compliant Eagle Belting is independently tested by a third party and verified to meet FDA standards for direct food contact per regulations CFR 21 177.1680 and CFR 21 177.2600.

## EAGLE Can Cable Belting

REACH and RoHS 2002/95/EC Directive compliant

- Blue, Green and Natural are 100% polyester reinforced with high tensile cord
- Red is a Fenner Drives engineered proprietary polymer blend
- Blue 55D Aramid is 100% polyester with high strength Aramid cord reinforcement
- Eagle Red 50D has a low coefficient of friction (LCF)