

Today's faster, more advanced conveyor lines require more. Eagle XLD O-Rings increase belt life, cutting downtime and operating costs.

O-Rings fail by losing tension and if they fail before your next scheduled maintenance, the line-down time will be expensive. This problem costs the world's largest's distribution centers (tens of) thousands of dollars per incident. The solution is Eagle XLD, a drop in solution to achieve **Xtra Life, Xtra Load, and Xtra Savings**.



Life of Existing O-Rings

Xtra Life

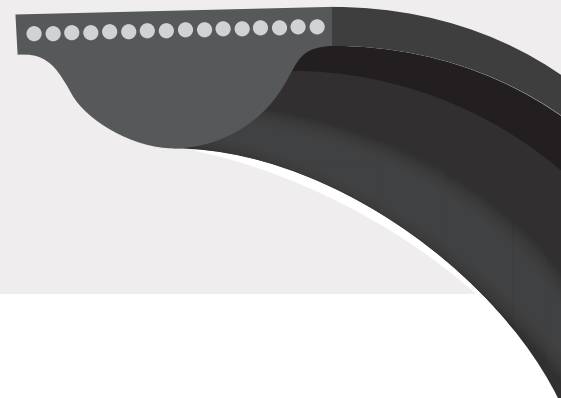
Developed in partnership with colleagues in Michelin's High Tech Materials Division, the patent pending Bi-Modulus Technology extends belt life. The lower modulus allows for easier install while the higher modulus will not stretch, delivering optimal tension throughout the life of the belt. This eliminates downtime, cutting emergency and routine maintenance costs.



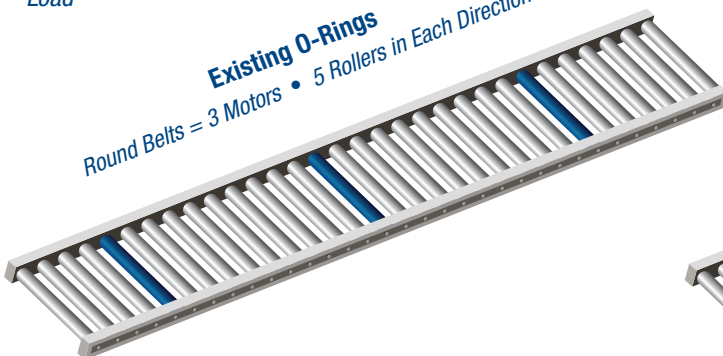
Load

Xtra Load

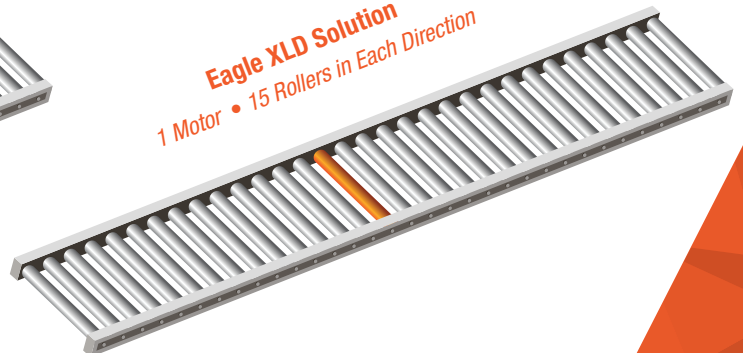
Eagle XLD provides more than just longer life. The D-shape optimizes the contact patch of the belt while the strength of the higher modulus provides highly efficient, dynamic load transfer. As a result, you don't have to sacrifice belt life for load capability.



Existing O-Rings
Round Belts = 3 Motors • 5 Rollers in Each Direction



Eagle XLD Solution
1 Motor • 15 Rollers in Each Direction



Constantly Replacing O-Rings?



Cost Savings on Motorized Rollers

Xtra Savings

Today's O-Rings are incredibly inefficient, typically losing 10% of their load transfer from one roller to the next. Eagle XLD loses less than 1% – delivering both higher loads and greater efficiency throughout the system. This allows for more rollers per motor at higher loads, further reducing total cost of ownership. Eagle XLD reduces system costs, belt spend, and downtime.

	Belt Type	Rollers	Install Tension	Performance	Load Rating
Standard O-Rings		Up to 5 (10)	10%	Good ●○○○	80 lbs. (36 kg)
HT/HEHT O-Rings			20%-24%	Good ●●○○	
Eagle XLD		Up to 15 (30)	N/A	Better ●●●○	320 lbs. (145 kg)
Eagle Poly-V		Up to 10 (20)	N/A	Best ●●●●	440 lbs. (200 kg)

Reduce Belt Inventory

If that's not enough, Fenner found a way to solve one of the biggest pain points with O-Rings: inventory. Today, a multitude of sizes exist purely due to the slight variations in sizing when in fact, there are a limited number of center distances. Eagle XLD provides a simple, common sense solution for reducing belt inventories with 12 standard sizes.

This product is intended for use within a mechanical system that can create pinch points, which should be properly safeguarded to prevent injury during operation, service, and/or maintenance. This can be achieved through a combination of machine guarding and safe work practices. For more guidance, consult with your local Occupational Safety and Health regulations.



Scan the QR code to see the Eagle XLD in action and learn more!

