

DURAFLEX® EDGE Specifications

- Most open metal belt
- Strongest EDGE on the market
- Easy 30 second splicing
- Excellent durability ensures longer belt life
- Proprietary NokLok® picket design extends belt life



Duraflex EDGE has patent pending 'EDGE' Technology for ultimate strength and durability. DURAFLEX belts are manufactured from durable, food-safe stainless steel. They are available in 1/2" pitch, and in widths from 4 to 144".



Duraflex EDGE Technical Specifications

	Inches	Metric
Belt Width (Range)	4" to 144"	101.6 to 1828.8 mm
Belt Pitch	1/2"	12.7 mm
Flat Strip	.035 x .162"	0.9 x 4.1 mm
Rod Diameter	.050"	1.3 mm
Material	Stainless Steel	

Duraflex EDGE Representative Weights

Belt Width		Weight	
Inches	Metric	Lbs./Linear Feet	KG/Linear Meter
24"	610 mm	1.59	2.36
30"	762 mm	1.97	2.93
36"	914 mm	2.35	3.50
42"	1067 mm	2.73	4.06
48"	1219 mm	3.11	4.63

Duraflex Sprocket Information

1/2" Pitch (12.7mm Pitch)

Outside Diameter (OD)		# of Teeth	Max Bore (with Keyway)	
1.54"	39.1 mm	9	5/8"	15.9 mm
2.19"	55.6 mm	13	1-1/8"	28.6 mm
2.51"	63.8 mm	15	1-3/8"	34.9 mm
3.16"	80.3 mm	19	1-3/4"	44.5 mm
4.12"	104.6 mm	25	2-1/2"	63.5 mm

The DURAFLEX® EDGE Advantage

- Breeding
- Battering
- Frying
- Forming
- Transfers
- Layouts
- Infeeds



OUR BELT ADVANTAGES

1. Durability:

The patented NokLok picket form and reinforced clinched edge makes Duraflex® EDGE the most durable belt in the poultry industry. On average, Duraflex® EDGE lasts 5-10 times longer than competitor's belts in various further processing applications.

2. No Catch Points or Snagging:

A common cause of wire belt failure is catching and/or snagging. By clinching the rod back into the belt we create a secure edge thus eliminating any chance of catching or snagging. This is crucial at tight transfer points.

3. Eliminates Product Contamination:

Unlike wire belting or button head edge belting, Duraflex® EDGE eliminates the chances of product contamination. The clinched edge keeps the rod from falling out and into product should it break. Production running can continue without downtime until the belt can be repaired or replaced by maintenance.

COMPETITOR BELT DISADVANTAGES

1. More Downtime:

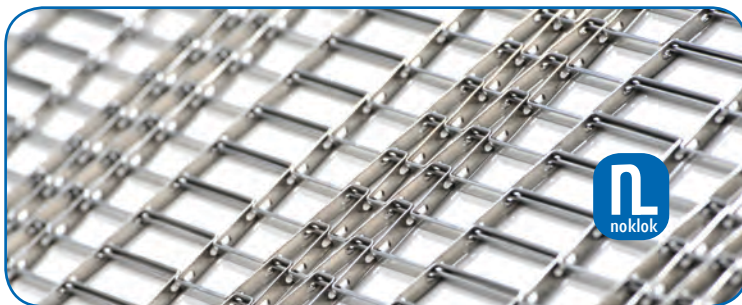
Our competitor's wire belts requires more maintenance due to shorter belt life. Production lines must shutdown so repairs can be made, this creates unnecessary downtime and product loss.

2. Belt Snags:

Our competitor's wire belts do not lay flat and "wing up" under high tension, creating catch points. This "winging up" creates snagging at tight transfers.

3. Product Contamination:

Our competitors have tried to create a similar rod and strip style belting. These belts do not have a secured clinch edge which stops the rod from breaking off into product.



SUMMARY OF COMPARISON:

Cambridge Engineered Solutions Duraflex® EDGE is the most advanced metal belt in the poultry market.

Duraflex® EDGE - Lasts 5x longer than competitor belts

DURAFLEX[®] EDGE

The strongest EDGE belt in the market

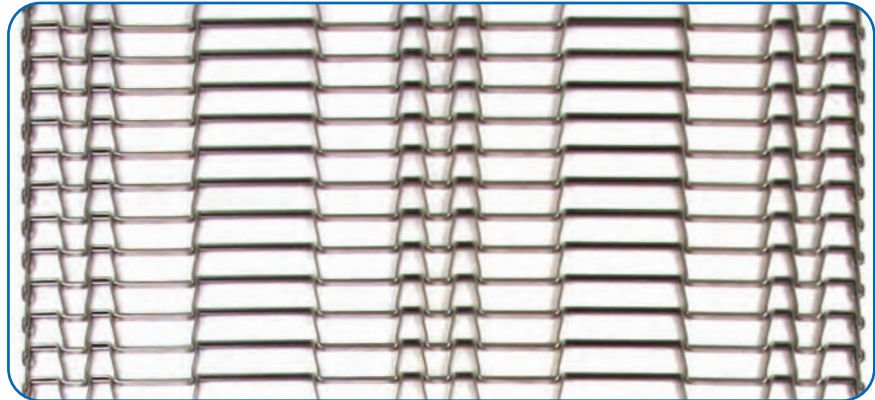
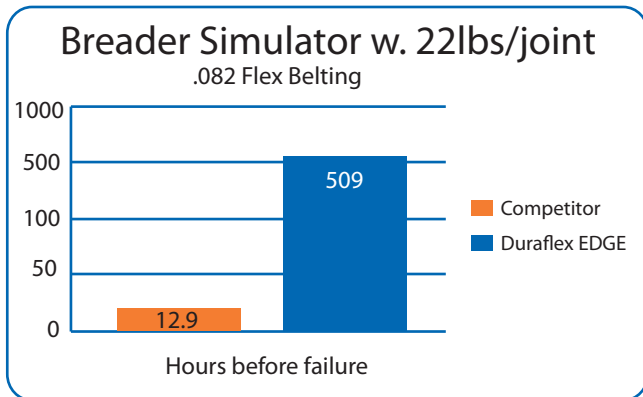
DURAFLEX[®] EDGE Technical Bulletin

- Excellent durability ensures longer belt life (5-10 times longer than wire belt)
- NokLok picket design extends belt life
- Edge design eliminates catch points and snagging
- USDA Approved



Introduction:

In a recent breeder simulation, Cambridge Engineered Solutions' Duraflex[®] EDGE belting was put to the test against another popular brand of flat, flex style wire belting. The test environment was set-up with the conveyor configurations and loadings being identical for each testing scenario. The belts were then run until failure (defined by first wicket break) with current test loads at 22 lbs per joint (bend).



Conclusion:

The design of Duraflex[®] EDGE proves to be superior resulting in an average belt life of 509 hours (274k duty cycles) over that of the competition that lasted 12.9 hours (7,000 duty cycles). Duraflex[®] EDGE proved to be the superior product by outlasting 39 times the duty cycles of the competition.

Duraflex[®] EDGE is the cutting edge for all flex style belts. There is no comparison!

Solution stories from everyday customers

REAL PEOPLE . REAL RESULTS

Solution Summary

Key Results:

- Daily belting maintenance was eliminated
- Downtime was significantly reduced
- Belt consumption was reduced
- Product loss was minimized

Market:	Poultry
Application:	Breeder Line
Product:	Duraflex® EDGE



Solution Details

The Problem

A poultry processor was experiencing on average 500-600 minutes of downtime per week because of our competitor's wire belt failures on breeders. Production ran 24/6 at this facility with limited time for preventative maintenance. Wire belts were failing on the breeders due to metal fatigue and snagging on other conveyor belts at the transfer points. The customer estimated each hour of downtime to cost \$2,500.

The Solution

Cambridge changed the breeders from wire belts to Duraflex® EDGE which reduced premature failure caused by metal fatigue and eliminated snagging. Downtime in the first week after the conversion to Duraflex® EDGE dropped to 15 minutes. Annual savings are estimated to be over 1 million dollars.

Testimonial

“The Cambridge belt lasted three times longer than the one we were using and generated a huge cost savings for our customer, as well as peace of mind. The service we received from our local representative has been stellar.”