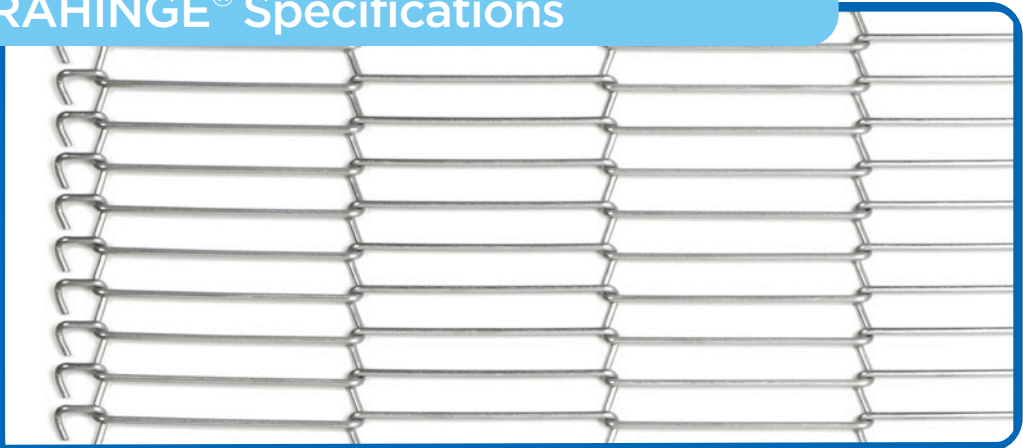


DURAHINGE®

The longest lasting, and strongest alternative to conventional flex-style belting

DURAHINGE® Specifications

- Industry Leading Belt Life
- 30% Stronger Material
- Patented Z-Bend



Belt Specifications

Common Available* Specs	24 x .092 24 x .072 32 x .082 42 x .062
Belt Widths	12" - 120" (305 - 3,048mm)
Belt Material	Spring Tempered Stainless Steel



Our Patented Compound Z-Bend
Longer life - less metal fatigue

*For a full list of specs and availability please contact us.



Sprocket Specifications

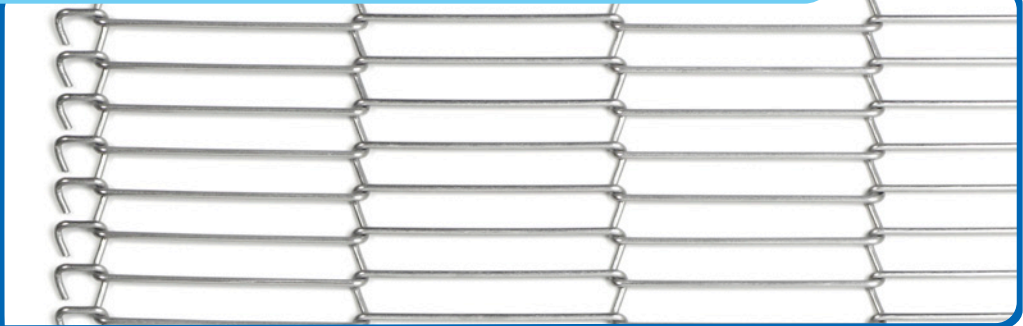
Sprocket Materials	Stainless Steel Acetal
Common Diameters Available	1" - 4"



DuraHinge® Belts - Durable by Design

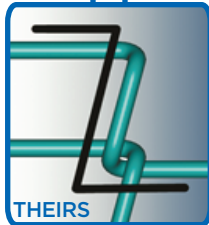
The DURAHINGE® Advantage

- Baking
- Battering
- Breeding
- Coating
- Cooling
- DeWatering
- Filling
- Forming
- Frying
- Product Transfer



OUR BELT ADVANTAGES

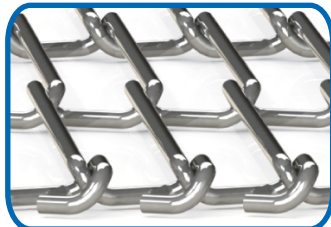
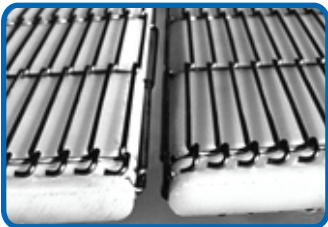
- 1. Longer Belt Life:**
DuraHinge® has been proven to be 30% stronger due to the fully-hardened, spring tempered stainless steel construction, which helps to resist damage and achieve longer belt life due to the higher tensile strength.
- 2. Patented Compound Z-Bend:**
Our patented z-bend with its compound angles allows for true hinging of the strands versus flexing. This reduces stress on each contact point to minimize metal fatigue.
- 3. Decrease Maintenance Downtime:**
Cambridge's DuraHinge® has recessed edges which allow for the belt to lay flat and for the edges to sweep out to prevent snagging.



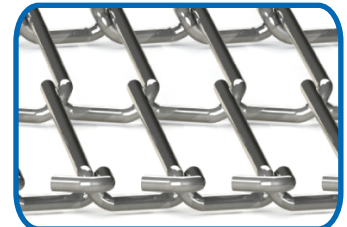
COMPETITOR BELT DISADVANTAGES

- 1. Decreased Belt Life:**
Our competitors construct their flex-style wire belts from ½ hardened stainless steel which has a lower tensile strength and decreases belt life.
- 2. Simple Flex-Style Strands:**
Our competitors simple flex-style bend causes stress on the strands causing premature belt failure and breakage while the gaps between the wires allow for the strands to shimmy and mistrack.
- 3. Belt Snagging:**
Our competitor's simple flex-style wire belts do not lay flat allowing for the edges to "wing-up", creating catch points and snagging on transfers.

OURS



THEIRS



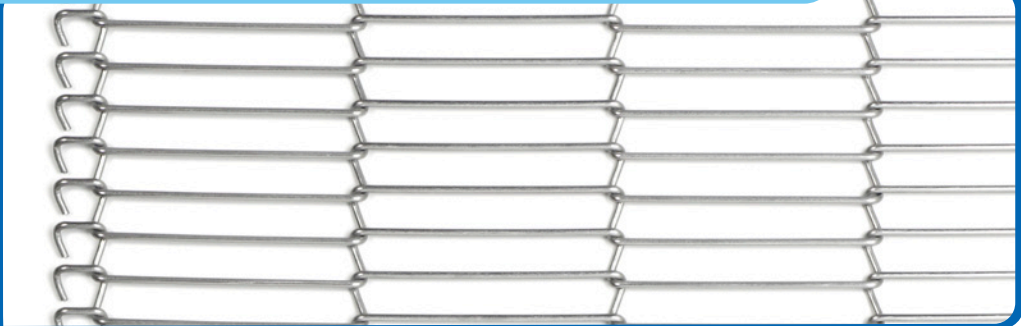
SUMMARY OF COMPARISON:

In all areas of comparison it is clear that Cambridge Engineered Solutions DuraHinge® offers by far the highest performing belting solution for increased throughput and longer belt life.

DuraHinge® Buy Less Belting - Save More Money

DURAHINGE® Technical Bulletin

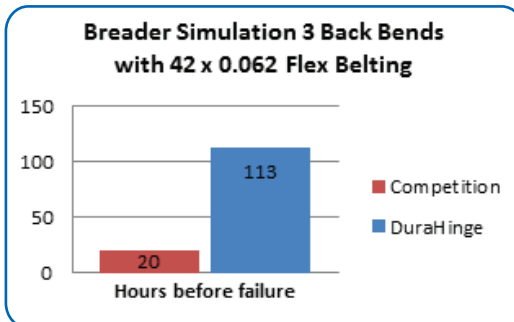
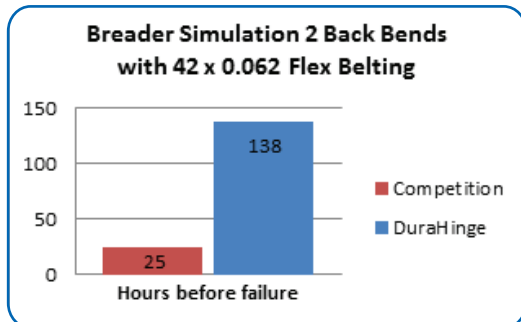
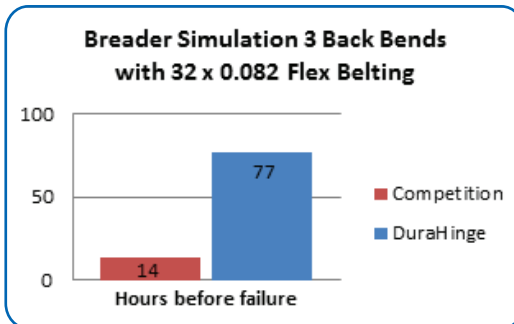
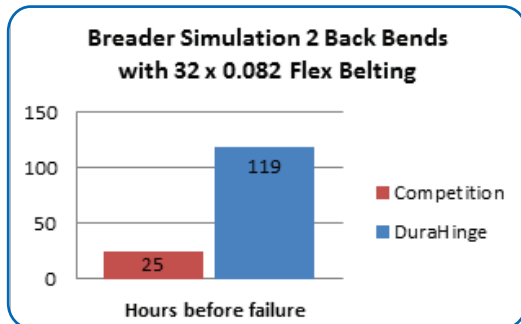
- Patented Compound Z-Bend decreases material fatigue
- 30% stronger and made from fully-hardened, spring-tempered stainless steel
- Recessed edges reduce edge curling, snags and tangling
- Increases production throughput
- Reduces downtime



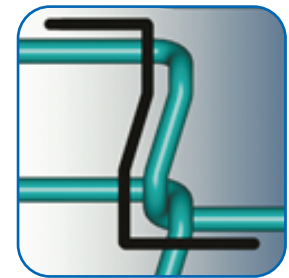
Introduction:

In a recent breeder simulation, Cambridge Engineered Solutions' DuraHinge® 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 at least nineteen total breaks). As in past head-to-head simulations, DuraHinge® once again proved to be the superior product by outperforming the competition in every testing category.

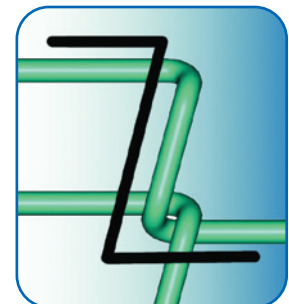
TEST RESULTS:



OURS



THEIRS



Example of the patented Compound Z-Bend compared to standard joints supplied by competitors

BELT ADVANTAGE:

The patented DuraHinge® design extends belt life and lasts 4 ½ - 5 ½ times longer than competitors flex style belting

Solution stories from everyday customers

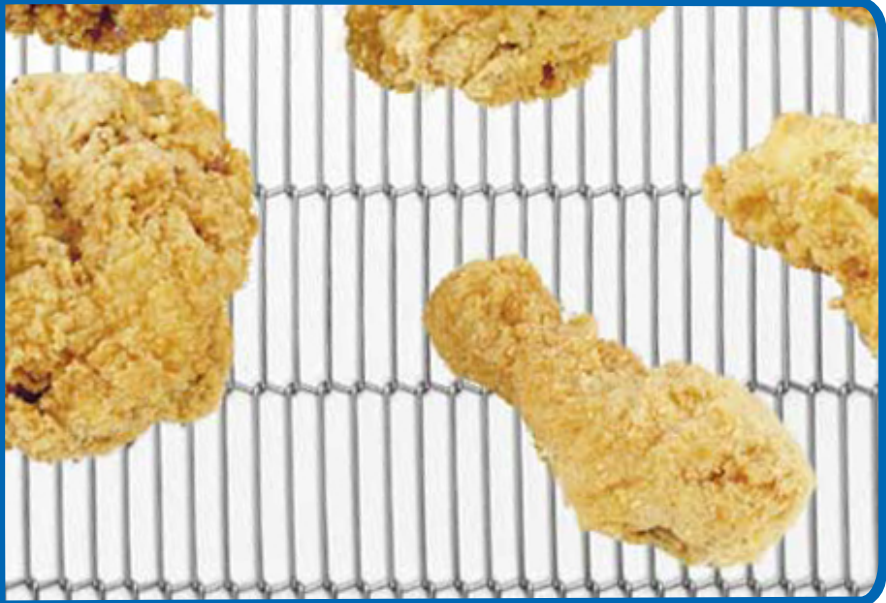
REAL PEOPLE . REAL RESULTS

Solution Summary

Key Results:

- Daily belting maintenance was eliminated
- Annually decreased belt costs by \$223,238.73
- Reduced the amount of replacements by 50% from every week to every other week which doubled their belt life

Market:	Poultry
Application:	Breeder Line
Product:	DuraHinge®



Solution Details

The Problem

A top poultry processor struggled with a competitor's flex-style belting for their breeder lines in four of their processing plants and were having to change the belting on average every week and required daily maintenance. Due to the heavy breasting the customer used for their products it caused frequent belt problems and failures and this constant replacement decreased their production time and throughput. They were looking to decrease production downtime, decrease maintenance, increase belt life, and increase product throughput on their breeder lines.

The Solution

Cambridge was able to switch out the current breeder lines from the competitor's flex-style belting to our DURAHINGE® belting which reduced replacement, decreased costs, and increased belt life. All four of the poultry processing plants were able to annually decrease their belt costs by \$223,238.73, reduce the amount of replacements by 50% from every week to every other week, which doubled their belt life.

Testimonial

“The Cambridge belt is superior to any wire belt I have used. The belt's long life attests to that. Better design and reliability have meant big time savings for the plant.”