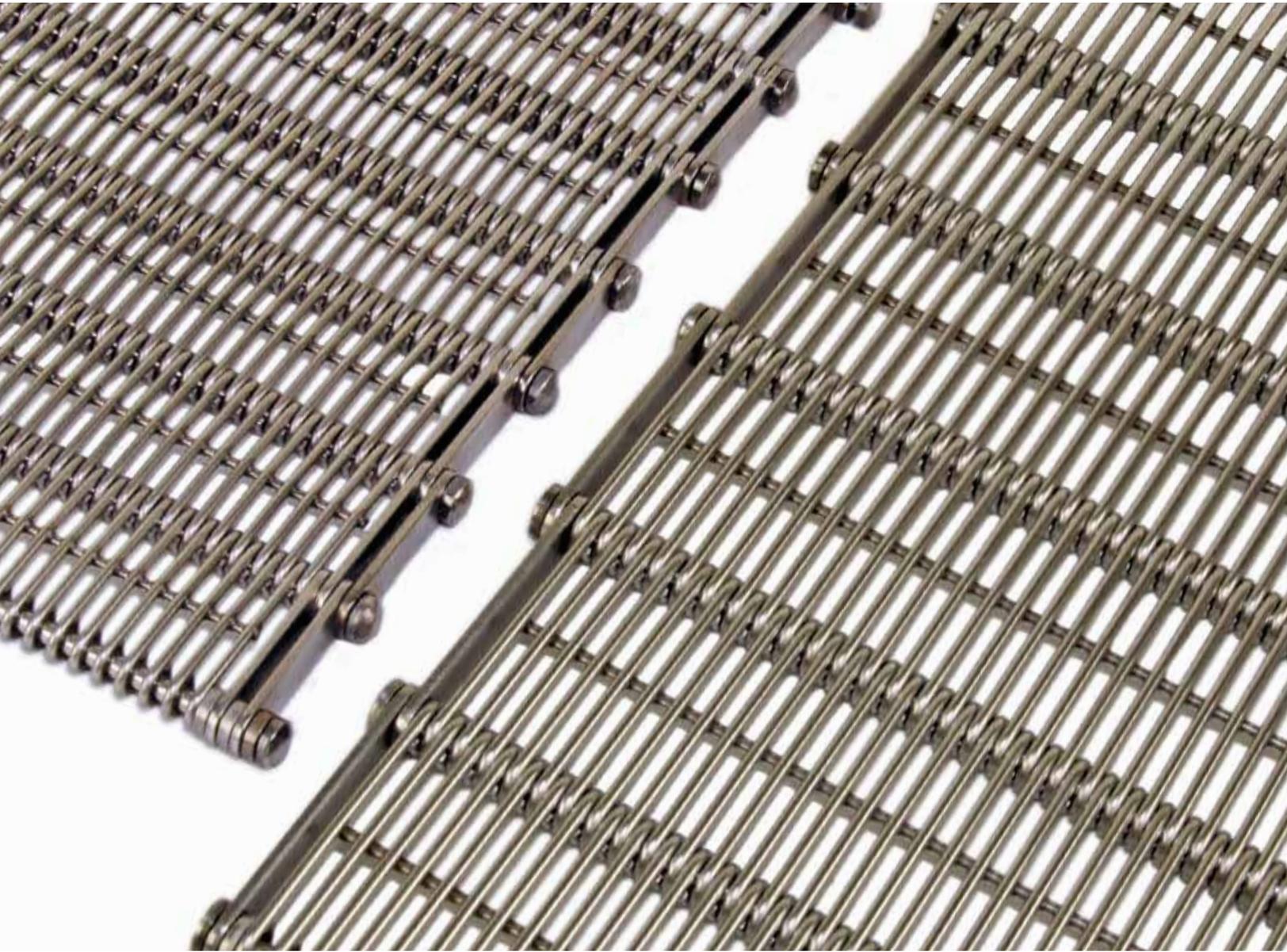


# Eye-Link

## The Proven Solution for Flat Surface & Heavy Load Conveyance



Suited for a wide range of applications and available in numerous configurations of pitch spacing, wire diameter, and mesh designs

Provides a flat, even surface and rigid structure that resists side-to-side deflection and delivers smooth product conveyance

Extremely durable, with tension ratings up to 118 kg or 260 lb. per link row



# Eye-Link Belts

## Features & Benefits:

### Versatile Design

- Available in numerous configurations of pitch spacing, wire diameter, and mesh designs
- Options include cross flights, side plates, chain edges, and additional bar links for increased strength

### Inherently Strong

- Extremely durable, with tension ratings up to 118 kg or 260 lb. per link row
- Sprockets or sprocketed drums engage the entire belt width, increasing tension capabilities and belt life

### Precise Conveying

- Positively driven for true tracking
- A flat, even surface and rigid structure that resists side-to-side deflection and delivers smooth product conveyance

## Drive Options:

Eye-Link belts are positively driven with sprockets situated across the width of the belt. For wide belts, the use of tube drums is recommended based on the maximum allowable deflection of the drum. For wide belts in an ice-containing environment, a cage drum is typically used.



Tube Drum



Cage Drum

Specifications	Units	
Available Materials		304 & 316 stainless steel, carbon steel, carbon spring steel, and C60 material. Other materials available upon request.
Longitudinal Pitch Lengths		25.4 (1.00), 30.0 (1.18), 50.0 (1.97), 50.8 (2.00), 75.0 (2.95)
Wire Diameters	mm (in.)	1.5 (.059), 1.6 (.063), 2.0 (0.08), 2.5 (0.10), 3.0 (0.12), 3.5 (0.14)
Cross Rod Diameters		4.0 (0.16), 5.0 (0.20), 7.0 (0.28), 8.0 (0.32)
Available Widths		50.8 - 6197.6 (2.0 - 244.0)
Conveying Surface		Full belt width minus 8.1 (0.32)
Weight		Dependent upon construction – Contact Ashworth
Maximum Allowable Tension		Dependent upon construction – Contact Ashworth
Maximum Temperature (Material Dependent)	°C (°F)	Up to 400 (752)
Method of Drive		Positively driven

## Mesh Designations

Pitch (a) mm (in.)	Belt Description (m = Mesh Gap)	Eye Link Wire Dia. (c) mm (in.)	Cross Rod Dia. (d) mm (in.)
25.4 (1.00)	25.4 x m / 2.0 - 5	2.0 (0.080)	5 (0.196)
30.0 (1.18)	30.0 x m / 2.0 - 4	2.0 (0.080)	4 (0.158)
	50.0 x m / 2.0 - 5	2.0 (0.080)	5 (0.196)
	50.0 x m / 2.5 - 5	2.5 (0.098)	5 (0.196)
50.0 (1.97)	50.0 x m / 2.0 - 7	2.0 (0.080)	7 (0.276)
	50.0 x m / 2.5 - 7	2.5 (0.098)	7 (0.276)
	50.0 x m / 3.0 - 7	3.0 (0.120)	7 (0.276)
	50.0 x m / 3.5 - 7	3.5 (0.135)	7 (0.276)
	50.0 x m / 2.5 - 8	2.5 (0.098)	8 (0.307)
50.8 (2.0)	50.8 x m / 2.0 - 8	2.0 (0.080)	8 (0.307)
	50.8 x m / 2.5 - 8	2.5 (0.098)	8 (0.307)
	50.8 x m / 3.0 - 8	3.0 (0.120)	8 (0.307)
75.0 (2.95)	75.0 x m / 2.5 - 5	2.5 (0.098)	5 (0.196)
	75.0 x m / 2.5 - 7	2.5 (0.098)	7 (0.276)

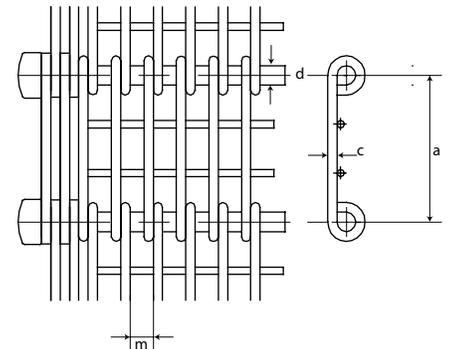
Mesh configurations for Eye-Link belts are designated as in the following example (all measurements in mm):

$$a \times m/c - d$$

$$50 \times 10/2.5 - 5$$

Where:

- 50 = Belt's longitudinal pitch (a) in mm
- 10 = Belt's eye link gap spacing in mm
- 2.5 = Eye link wire diameter in mm
- 5 = Cross rod diameter in mm

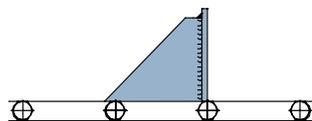


Technical Specifications are dependent upon individual applications and are subject to engineering review.

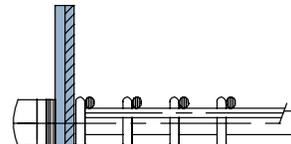
## Mesh Gaps

Wire Diameter	Min. Mesh Gap
2.0 mm (0.08 in.)	2.3 mm (0.10 in.)
2.5 mm (0.10 in.)	2.8 mm (0.11 in.)
3.0 mm (0.12 in.)	3.3 mm (0.13 in.)
3.5 mm (0.14 in.)	3.8 mm (0.15 in.)

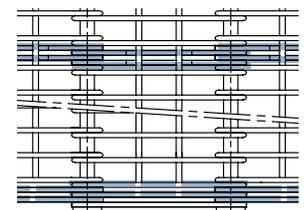
## Belt Options:



**Cross Flights** – prevents product from sliding or rolling down the belt when operated on an incline or decline.



**Side Plates** – prevents product from falling off the edges of the belt. Side plates replace one bar link at the belt edge.



**Bar Links** – provides tension carrying capacity. They prevent excessive cross rod and module deflection. Additional bar links may be added to strengthen the belt.

**Chain Edges** – All Eye-Link belts can be fitted with either loose chain made from bar links, or with chain edges to suit customer specifications.