



ASHWORTH OGBL CONVEYOR BELTING IS THE VERSATILE, QUALITY LINE OF STEEL EYE-LINK BELTS.

EYE-LINK

THE PROVEN SOLUTION FOR FLAT SURFACE & HEAVY LOAD CONVEYANCE

Ashworth OGB and OGB-L Plus are straight running, positively driven, quality eye-link belts for industrial or food processing applications. Available in an exceptionally wide array of materials, wire diameters, mesh designs and accessories, these versatile steel conveyor belts can be designed and manufactured to satisfy the most demanding of applications.



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		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	mm (in.)	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

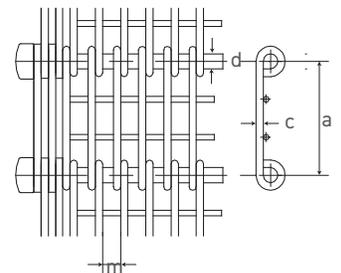
Pitch (a) mm (in.)	Belt Description (m = Mesh Gap)	Eye Link Wire Dia. (c) mm (in.)	Cross Rod Dia. (d) mm (in.)
25.4 (1.00)	25.4 x m / 2.0 - 5	2.0 (0.080)	5 (0.196)
30.0 (1.18)	30.0 x m / 2.0 - 4	2.0 (0.080)	4 (0.158)
50.0 (1.97)	50.0 x m / 2.0 - 5	2.0 (0.080)	5 (0.196)
	50.0 x m / 2.5 - 5	2.5 (0.098)	5 (0.196)
	50.0 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)
50.8 (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 x m/c - d
50 x 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



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.)

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



USA: +1-800-682-4594 or +1-540-662-3494

Factory Service: +1-866-204-1414

UK: +44-01-384-355000

Netherlands: +31-53-481-6500