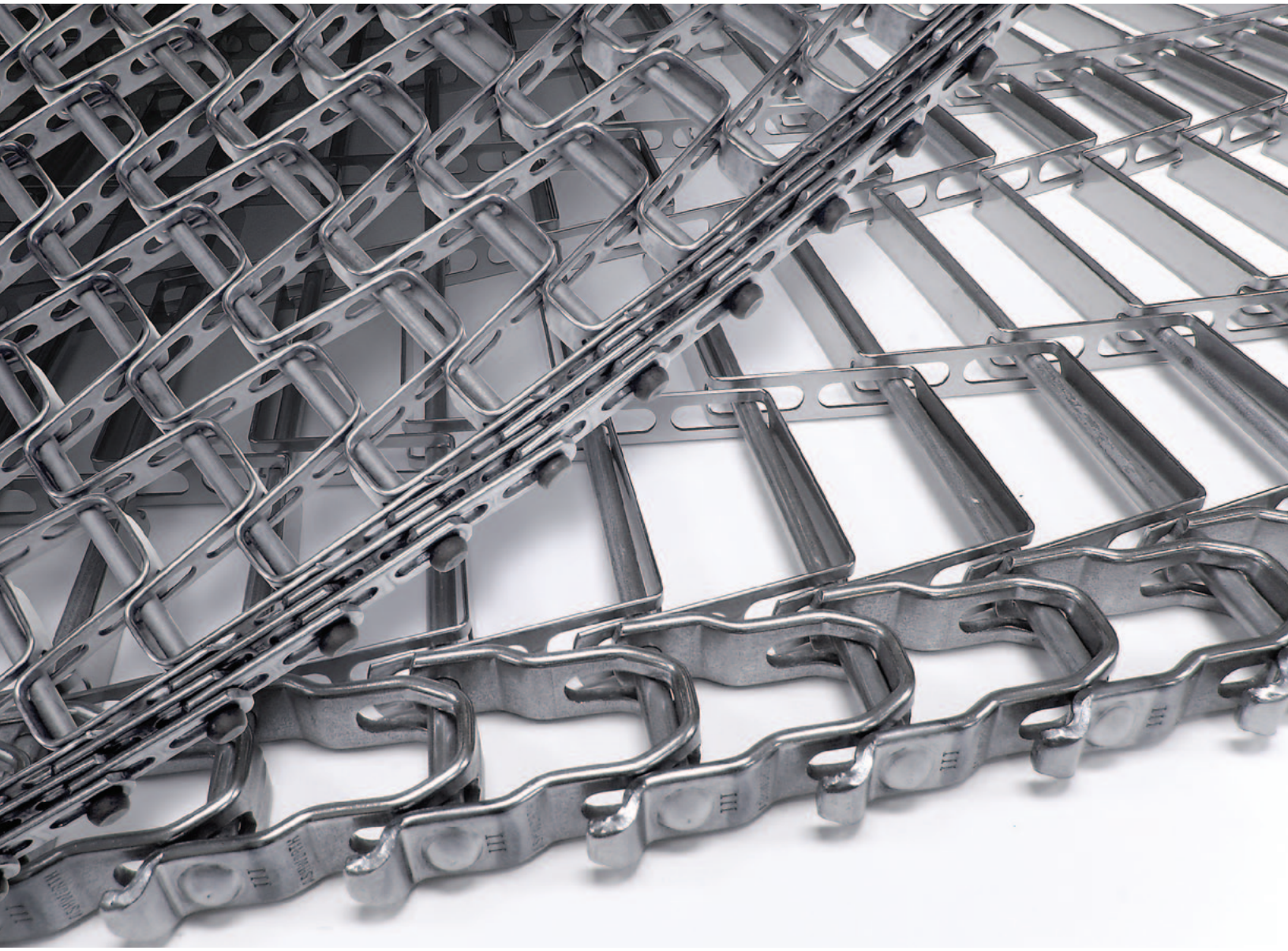


# Omni-Flex® & Omni-Pro® FlexLite

Strong, Rugged, & Efficient



High strength construction for heavy duty applications

Open mesh for maximum airflow and easy cleaning

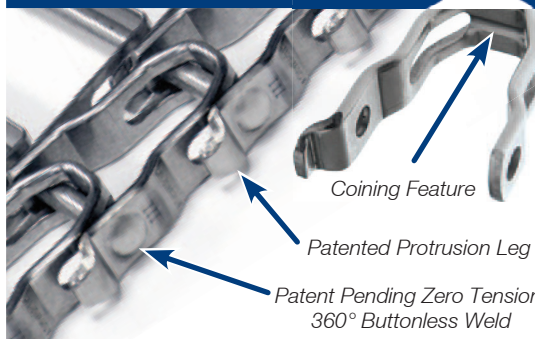
**Omni-Pro® FlexLite:** lightweight belt to increase capacity when conveying pans, trays, and large products



# Omni-Flex® & Omni-Pro® FlexLite

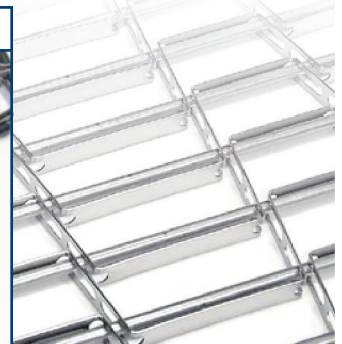
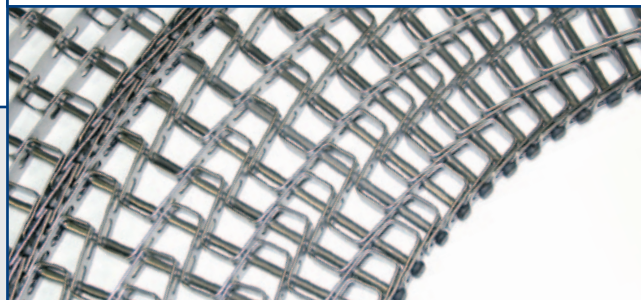
Superior strength and reliable performance for increased load capacity in high-speed, heavy-duty spiral and turn-curve applications

## The Advancements of Omni-Pro®



- Patented "Protrusion Leg" design enables the belt to run smoother with less system wear
- Patent Pending Zero Tension, 360° Buttonless Weld increases load bearing capacity and is easy to clean.
- Coining Feature prevents run-in wear and increases belt life.

## Omni-Flex® - superior strength & turn ratios of 1.0 & greater



### Features & Benefits

- **Increased Reliability** - All Ashworth belts are tested for 100,000 cycles (*competition tests for 50,000 cycles*)
- **Long Belt Life** - The high strength construction and damage resistant surface are precision crafted to increase belt life
- **Efficient Operation** - The open mesh allows maximum airflow and the smooth, burr-free finish is easy to clean.
- **Omni-Pro FlexLite** - Manufactured with the successful Omni-Pro® design and utilizing a very open 1.5" x 3" (fixed loop) flat wire overlay, FlexLite is a rugged, lightweight belt with increased load bearing capacity for conveying pans, trays, and large products.

	Omni-Flex E1 & E2*	Omni-Flex E3*	Small Radius Omni-Flex* G1 & G3*	Omni-Pro® FlexLite*
Pitch	1.084" (27.53 mm)		inside: 1.084" (27.53 mm) outside: 1.5" (38.1 mm)	1.5" (38.1 mm)
Turn Ratio	2.0 and greater		1.0 and greater	1.6 to 2.5
Available Widths:	6" - 48" (152.4 mm - 1219 mm)		G1: 14" - 54" (356 mm - 1372 mm) G2: 12" - 54" (305 mm - 1372 mm)	24" - 60" (305 mm - 1524 mm)
Picket/Link Dimensions & Material	0.5" x 0.062" (12.7 mm x 1.58 mm) stainless steel flat wire	0.5" x 0.05" (12.7mm x 1.17mm) stainless steel flat wire	0.5" x 0.06" (12.7 mm x 1.58 mm) stainless steel flat wire	0.590" x 0.128" (15.0 mm x 3.3 mm) stainless steel
Rod Diameter & Material	0.192" (4.9 mm) stainless steel			0.24" (6 mm) stainless steel
Nominal Picket (Mesh) Shape	E1: 1" x 1" (25.4mm x 25.4mm) E2: 0.5" x 1" (12.5mm x 25.4mm)	0.33" x 1" (8.47mm x 25.4mm)	G1 inside: 1" x 1" (25.4 mm x 25.4 mm) G1 outside: 1" x 1.5" (25.4 mm x 38.1 mm) G2 inside: 0.5" x 1" (12.7 mm x 25.4 mm) G2 outside: 0.5" x 1.5" (12.7 mm x 38.1 mm)	1.5" x 3" (38.1mm x 76.2mm)
Bar Links	Double, heavy duty, collapsing 0.090" (2.3 mm) thick, on inside and outside belt edges		Double, heavy duty, 0.09" (2.3 mm) thick, assembled in the center of the belt	NA
Conveying Surface	0.25" (6.35 mm) less than nominal belt width			3.13" (79 mm) less than nominal width
Turn Direction	Bi-directional (left & right)		Uni-directional (must specify)	Bi-directional (left & right)
Method of Drive	Sprocket or Friction		Sprocket driven	Sprocket driven on links
Mode of Turning	Inside edge collapses in turn			
Belt Weight	Refer to Ashworth's Product Catalog or <a href="http://www.ashworth.com">www.ashworth.com</a>			
Allowable Tension: Curve/Spiral	300 lbs (136 kg) at 100,000 cycles			400 lbs (181 kg) at 100,000 cycles
Allowable Tension: Straight Run	600 lbs (xx kg) at 100,000 cycles			800 lbs (364 kg) at 100,000 cycles
Options	Fatigue Resistant Pickets, Guard Edges, Detachable and Non Detachable Lane Dividers *Double row of inside edge barlinks available for Small Radius Omni-Flex			Integral Guard Edges

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

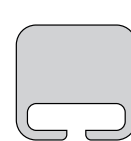
- Fatigue resistant picket option for Omni-Flex® increases belt life approximately 30%
- Inside Edge Double Row Bar Links for Small Radius Omni-Flex® - Inside Edge Single Row Bar Links are standard.
- Guard edge plates, lane dividers and custom attachments are available for special needs



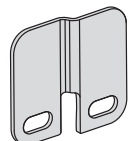
Fatigue Resistant Picket



Double Row Bar Links



Detachable



Non-Detachable

Omni-Flex Lane Dividers