

# Omni-Pro<sup>®</sup> 075 / 100 / 120 / 150

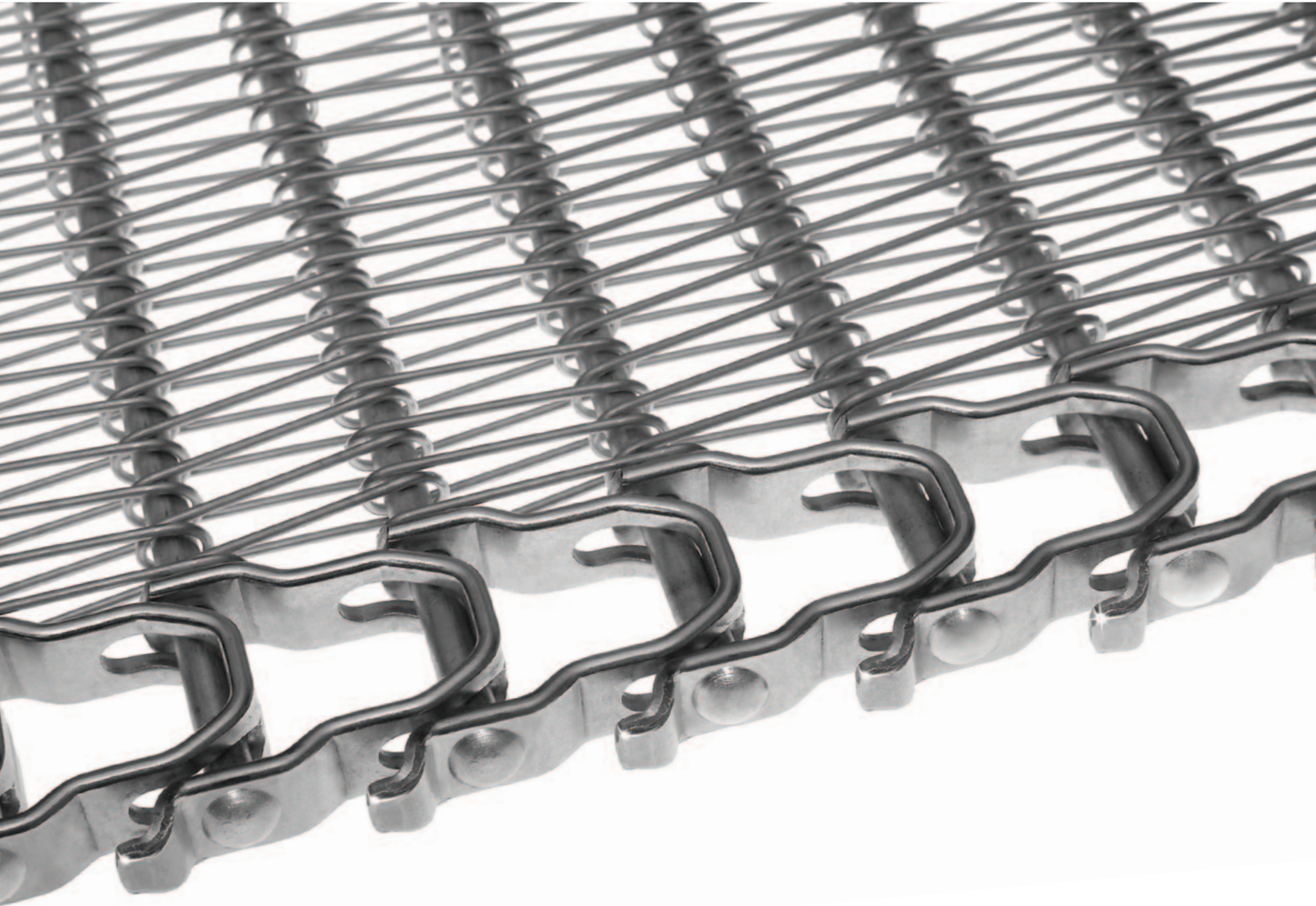
<sup>3</sup>/<sub>4</sub>" PITCH

1" PITCH

1.2" PITCH

1.5" PITCH

## Evolutionary Steel Belts That Run Smoother, Stronger, Longer



Patented protrusion leg reduces system wear

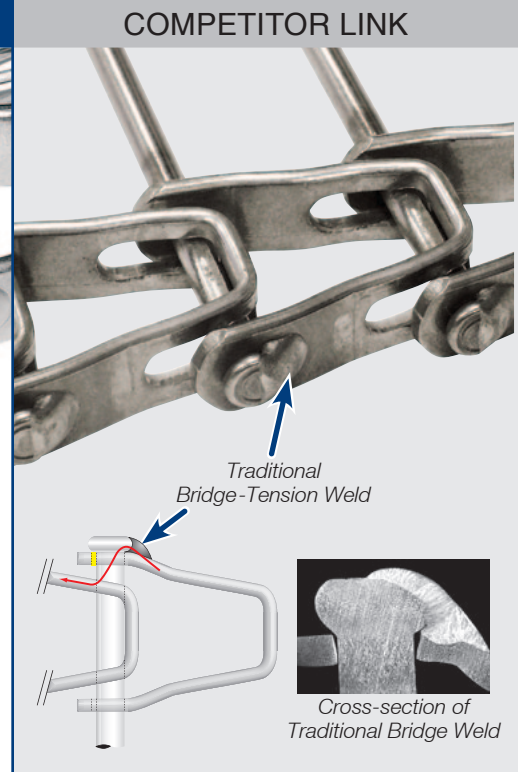
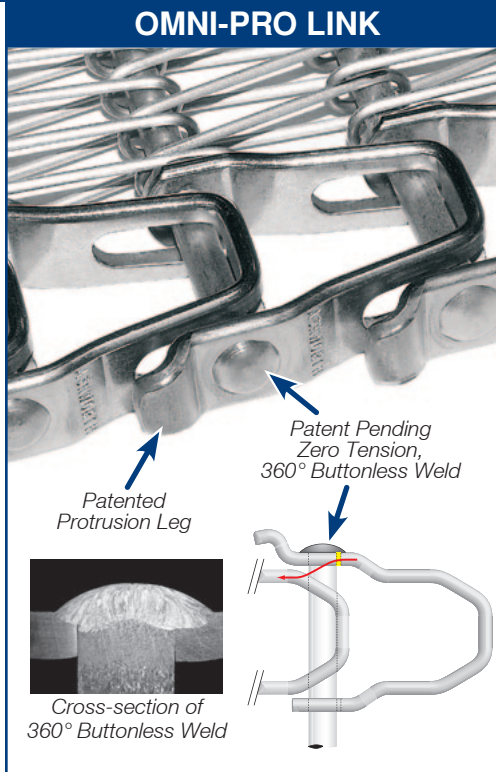
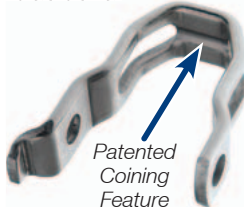
Patent pending zero-tension, 360° buttonless welds increase load bearing capacity and are easy to clean

Patented coining process reduces break-in wear and increases belt life

Increase capacity while minimizing maintenance costs and downtime in your most demanding spiral applications with Omni-Pro®.

**Features & Benefits**

- **Proven Reliability** - All Ashworth belts are tested for 100,000 cycles versus competition tests of 50,000 cycles
- **Reduced Wear** - Patented “protrusion leg” design enables the belt to run smoother with less system wear
- **Added Strength & Easy to Clean** - Patent pending zero-tension, 360° buttonless welds increase load bearing capacity and are easier to clean versus traditional bridge welds
- **Increased Belt Life** - Patented coining feature reduces run-in wear and increases belt life



Omni-Pro®	Units of Measurement	075	100	120	150
Turn Ratio		2.2 to 2.5	1.6 to 2.5	1.7 to 2.8	1.6 to 2.5
Pitch		0.75 (19.05)	1.08 (27.43)	1.20 (30.48)	1.50 (38.10)
Widths - Spiral or Curve	in.(mm)	12 - 40 (305 - 1,016)		12 - 54 (305 - 1,372)	
Widths - Straight Run		12 - 48 (305 - 1,219)		12 - 60 (305 - 1,524)	
Link Height & Thickness		0.44 x 0.080 (11.1 x 2.0)	0.50 x 0.105 (12.7 x 2.7)*	0.59 x 0.118 (15.0 x 3.0)	0.59 x 0.128 (15.0 x 3.3)
Rod Diameter & Material		0.192 (4.9) stainless steel		0.236 (6.0) stainless steel	
Conveying Surface		2.18 (55.4) less than nominal width		3.13 (79.5) less than nominal width	
Belt Weight	lbs./ft. (kg/m)	2.28 (3.40)	1.86 (2.77)	2.60 (3.87)	2.30 (3.43)

Allowable Tension:	CONVEYOR TYPE	# OF CYCLES					
	Spiral or Curve	100,000	lbs. (kg)	150 (68)	200 (91)	400 (181)	
		50,000		175 (79)	250 (114)	450 (204)	
	Straight Run	100,000		300 (136)	400 (182)	800 (364)	
50,000		350 (170)		500 (227)	900 (408)		

\* Link thickness = 0.090 (2.3) for Omni-Pro 100 Reduced Radius with 1.6 Turn-Ratio

Omni-Pro® Standard Features	Omni-Pro® Options
<p><b>Omni-Tough Mesh Overlay</b> 2½ times stronger than conventional overlays and is resistant to product sticking in freezer applications</p>	<p><b>Patented Pigtail Spirals</b> Reduces wire breakage</p>
<p><b>Integral Guard Edges</b> Available in 100/120/150, are more durable and easier to clean than modular guard edges</p>	<p><b>Patented Special Mesh Spirals</b> A cost effective solution for adding lane dividers or flights</p>

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