

WE BUILD-IN HYGIENE



DURABLE, STRONG & SANITARY: OMNI-GRID® & OMNI-GRID® 360 WELD



ENGINEERED FOR HIGHER STANDARDS

REVOLUTIONARY DESIGN FOR PARAMOUNT SAFETY & DURABILITY



The Evolution of Omni-Grid belting continues with the introduction of the 360 Weld on belts that only Ashworth makes. What started as the Omni-Grid is now Omni-Grid 360 where hygiene is built into the belting itself.

INCREASE CAPACITY WHILE MINIMIZING MAINTENANCE COSTS AND DOWNTIME IN YOUR MOST DEMANDING SPIRAL APPLICATIONS WITH OMNI-GRID® 360 WELD

The Omni-Grid 360 Weld is a line of grid style conveyor belts. The Omni-Grid 360 Weld line of belts reduces cage bar wear, maintenance costs and downtime in your most demanding high-tension spiral/turn-curve applications while maintaining belt strength integrity and easy-to-clean/hygienic attributes.



FREEZER



PROOFER



COOLER



COOKER



CERTIFIED

OMNI-GRID® 360 WELD

BELTS THAT RUN SMOOTHER, STRONGER, LONGER

The increased strength of the Omni-Grid® 360 Weld belts comes from the revolutionary 360° buttonless welds utilizing a patented "zero tension" design which allows for:

- Higher product load capacity.
- Belts run smoother.
- Less wear on spiral system cage bar caps.
- Each link is formed with a proprietary coining process to prevent break-in wear.
- Reducing belt elongation.
- Increasing belt life.

Standard with the Omni-Tough Mesh Overlay, originally patented by Ashworth.

OMNI-GRID 360 WELD

		OG360-075	OG360-100	OG360-150
Turn Ratio		2.2 to 2.5	1.7 to 3.7	1.6 to 3.5
Pitch		0.75" (19.1 mm)	1.08" (27.4 mm)	1.50" (38.1 mm)
Widths - Spiral or Curve	in. (mm)	12" - 40" (305 mm - 1,016 mm)		12" - 54" (305 mm - 1,372 mm)
Widths - Straight Run		12" - 48" (305 mm - 1,219 mm)		12" - 60" (305 mm - 1,524 mm)

SMALL RADIUS OMNI-GRID 360 WELD

		SROG360-075	SROG360-100
Turn Ratio		1.1 to 1.99	1.1 to 1.49
Pitch		0.75" (19.1 mm)	1.08" (27.4 mm)
Widths - Spiral or Curve	in. (mm)	12" - 40" (305 mm - 1,016 mm)	



Ashworth

2.5X STRONGER THAN CONVENTIONAL OVERLAYS



RESISTANT TO STICKING IN FREEZER APPLICATIONS

SMALL RADIUS OMNI-GRID®

TIGHT, 1.1 TURN RATIO FOR SMALL FOOTPRINT OPERATIONS

Small Radius Omni-Grid conveyor belts can negotiate a much tighter turn than regular Omni-Grid belts. In general, the inside radius can be equal to 1.1 times the belt width, making Small Radius Omni-Grid ideal for use in applications where floor space is limited. Small Radius Omni-Grid can turn either left or right, pivoting about a center link.

- Includes small cage and wide belt. Wider belt means more conveying product area in a small space.
- Lower tensions and longer belt life due to lower belt tensions.
- Widest belt for small floor space.
- Good use for small plants or start-ups who want a small spiral and a large production rate.
- Reduces equipment cost for same belt width if it was a larger spiral.
- Various Product use including protein, bakery, etc.
- Useful with coolers, ovens, freezers, and chillers.
- For turn curve belt and spiral applications.



SMALL RADIUS OMNI-GRID | SUPER SMALL RADIUS OMNI-GRID | REDUCED RADIUS OMNI-GRID

		SROG-075	SROG-100	SSROG-100	RR0G-100
Turn Ratio		1.1 to 1.99	1.1 to 1.99	0.8 to 1.49	1.6 to 2.19
Pitch		0.75" (19.1 mm)	1.08" (27.4 mm)	1.08" (27.4 mm)	1.08" (27.4 mm)
Widths - Spiral or Curve	in. (mm)	14" - 48" (355.6 mm - 1,219.2 mm)			12" - 40" (305 mm - 1,016 mm)

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PROVEN RELIABILITY

All belts are tested and rated for 100,000 cycles versus competitor ratings of only 50,000 cycles. The 1-inch pitch and 1½-inch pitch Omni-Grid® 360 Welded finish are also offered with integral guard-edges with a smooth rounded finish for applications where product retention is a concern. Available in .75-inch, 1-inch, and 1.5-inch pitch, the Omni-Grid 360 Weld are the strongest and longest running grid style belts on the market today.

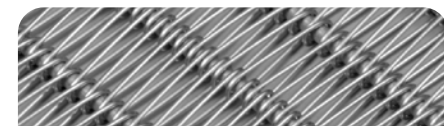
WE BUILD-IN HYGIENE WITH THE PATENTED PRECISION WELD

The patented, zero-tension, 360° buttonless welds eliminate cracking commonly found with traditional bridge welds. Unlike a traditional bridge weld, the 360° buttonless weld is free from surface imperfections and crevices which improve hygienic characteristics by eliminating the possibility of bacteria entrapments.



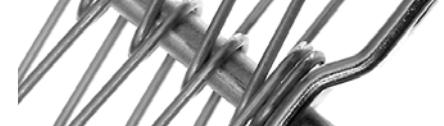
Patented Zero Tension, 360° Buttonless Weld

STANDARD FEATURES



Omni-Tough Mesh Overlay*

2½ times stronger than conventional overlays and is resistant to product sticking in freezer applications.



Pigtail Spirals*

Reduces wire breakage.

OPTIONAL FEATURES



Integral Guard Edges

Now with smooth, rounded edge finish. Durable and easier to clean than modular guard edges. Available for 1 inch and 1.5 inch pitch belts.



Special Mesh Spirals*

A cost effective solution for adding lane dividers or flights.

*Originally patented by Ashworth Bros., Inc.

AHEAD OF THE CURVE

EXPERTISE IN BELTS AND SERVICE

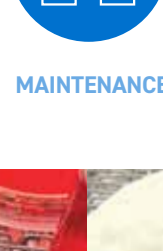
With the most conveyor belt patents in the food processing industry, Ashworth has revolutionized the future of conveyor belts. Our experts have been advising clients for decades on which system is best for their needs, and Ashworth's Factory Service will ensure that your belting system will continue to operate efficiently for years to come.



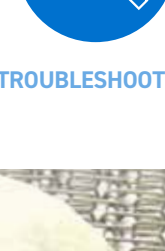
INSTALLATION



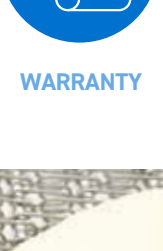
START-UP



MAINTENANCE



TROUBLESHOOTING



WARRANTY



YOUR TRUSTED PARTNER FOR SUCCESS

Companies around the world depend on Ashworth's quality products, reliable customer service, and innovative solutions to resolve problems and increase productivity. Ashworth Factory Service offers a full range of engineering services, including system refurbishment, troubleshooting, and belt installation.

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