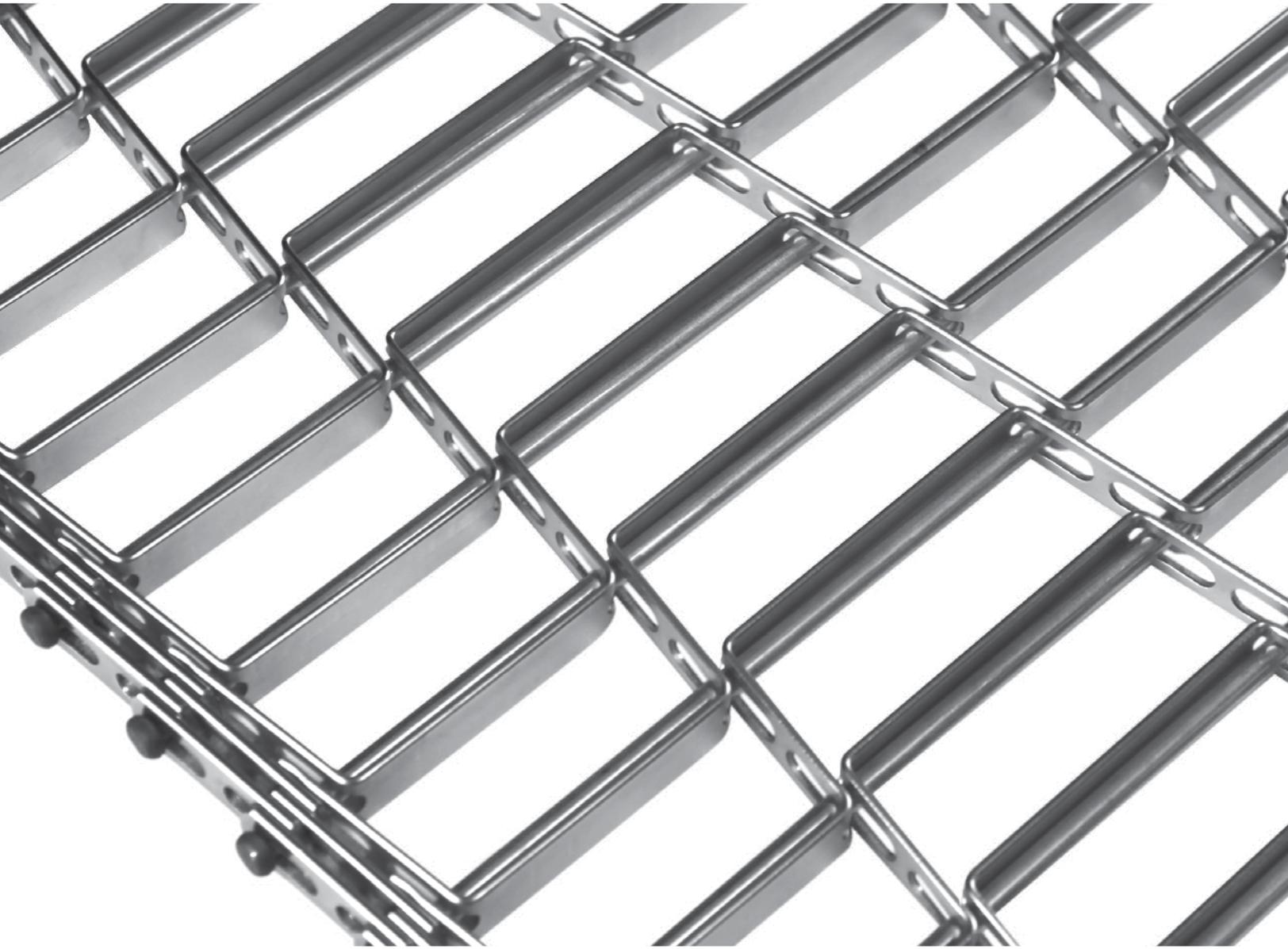


Omni-Flex[®] 3 x 1

Superior Strength and Load Capacity



Strong and lightweight belt maximizes throughput

Ideal for pans, trays & large products

No sprocket change required

Available in widths ranging from 18" to 48"

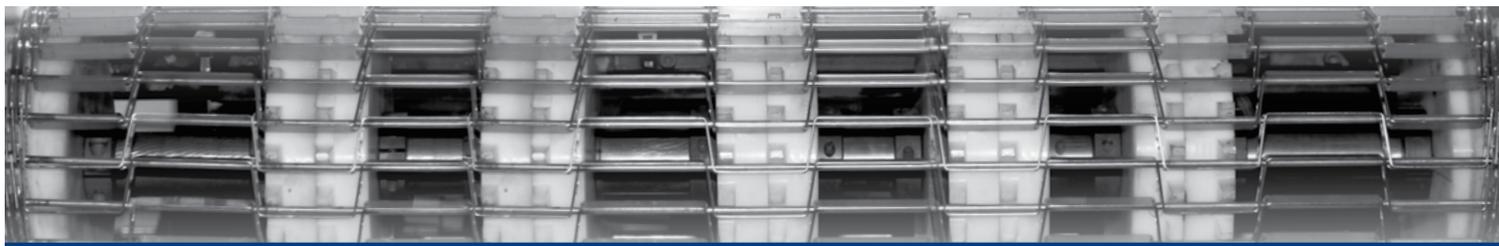
Strong and lightweight belt maximizes throughput – Ideal for conveying pans, trays and large products on turn-curve and lotension spiral systems.

Features & Benefits

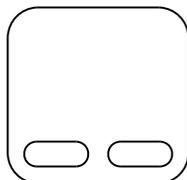
- **Increased Reliability** – Tested, rated and approved at **300 lbs. of allowable tension for 100,000 cycles**, which is double the number of cycles of competitor ratings.
- **No Sprocket Change is Required** – Decreases conversion expense (additional sprockets may be required).
- **Up to 48 inches wide** – Wider widths available with application review.

	Omni-Flex® 3 x 1
Turn Ratio	2.0
Pitch	1.084" (27.53 mm)
Widths	18-48" - in 2" increments (457 - 1219 mm - in 50.8 mm increments)
Link Height & Thickness	.5 x .062" (12.7 x 1.58 mm)
Rod Diameter & Material	.192" (4.9 mm)
Nominal Picket (Overlay) Shape	3 x 1" (76.2 x 25.4 mm)
Conveying Surface	Overall Belt Width Minus .25" (6.4 mm)
Belt Weight	Refer to Technical Bulletin
Method of Drive	Dual Sprocket Driven on Every Odd Opening
Tension Rating	300 lbs (136.0 kg) @ 100,000 cycles

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

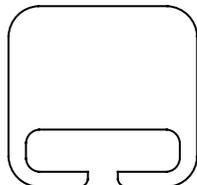


Ashworth Omni-Flex® belts are the original turn-curve conveyor belts and have been delivering reliable performance since 1959. These flat wire belts are constructed with heavy duty, precision formed button-heads for extended cage life, for maximum strength and reduced wear. All Omni-Flex® components are precision crafted from premium quality stainless steel to exacting standards. The finish is smooth and burr-free for easy clean-up and excellent sanitary properties. Two rows of reinforcing bar links are standard to provide strength.



Guard Edges

Plates assembled onto belt edges to prevent product from falling off. Guard edges serve to replace bar links on a one-to-one basis. Available heights (above the conveying surface) are: 0.50" (12.7 mm), 0.75" (19.1 mm), 1" (25.4 mm), 1.5" (38.1 mm), and 2" (50.8 mm).



Lane Dividers

Detachable or non-detachable plates assembled onto the belt's surface to locate product. Available heights (above the conveying surface) are: 0.50" (12.7 mm), 0.75" (19.1 mm), 1" (25.4 mm), 1.5" (38.1 mm), and 2" (50.8 mm). The maximum number of lane dividers = Belt Width / 9" (228.6 mm).

Cast Sprockets				
Teeth	Pitch Diameter in. (mm)	Flange Diameter in. (mm)	Bore Min. in. (mm)	Bore Max. in. (mm)
18	6.24" (158.6 mm)	5.65" (143.5 mm)	.75" (19.1 mm)	3.50" (88.9 mm)
23	7.97" (202.4 mm)	7.41" (188.2 mm)	1.00" (25.4 mm)	4.50" (114.3 mm)

UHMWPE Sprockets				
Teeth	Pitch Diameter in. (mm)	Flange Diameter in. (mm)	Bore Min. in. (mm)	Bore Max.* in. (mm)
13	4.53" (115.1 mm)	3.90" (99.1 mm)	1.00" (25.4 mm)	2.19" (55.6 mm)
18	6.24" (158.5 mm)	5.65" (143.5 mm)	1.00" (25.4 mm)	3.75" (95.3 mm)
23	7.96" (202.2 mm)	7.39" (187.7 mm)	1.00" (25.4 mm)	4.94" (125.4 mm)
31	10.72" (272.3 mm)	10.16" (258.1 mm)	1.00" (25.4 mm)	7.13" (183.0 mm)
37	12.68" (322.1 mm)	12.24" (310.9 mm)	1.00" (25.4 mm)	8.94" (227.0 mm)

*Max bore based on 1/2" (12.7 mm) material above keyway.