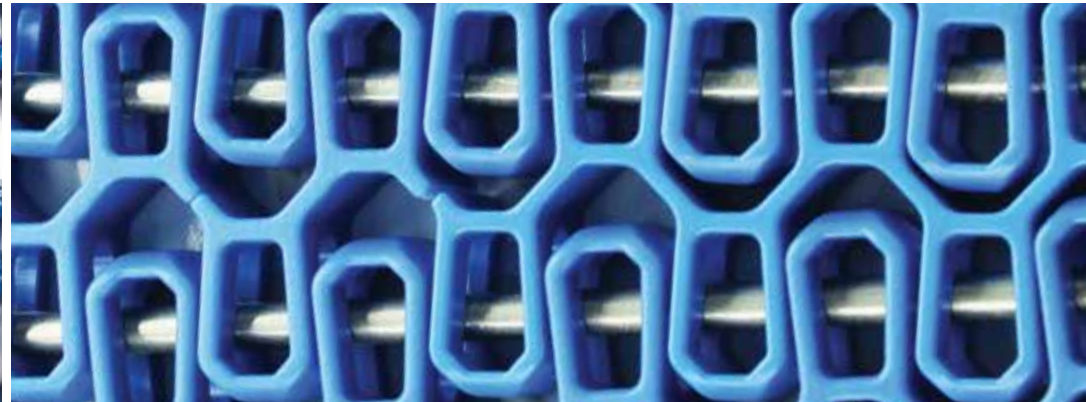




# ADVANTAGE™

# 120/200

**TESTED. CERTIFIED. SAFER.**



# OUR ADVANTAGE™ IS THE FIRST PLASTIC HYBRID CONVEYOR BELT TO BE NSF TESTED AND CERTIFIED AS WELL AS USDA ACCEPTED AND BISSC VERIFIED.



## THE FIRST NSF APPROVED SPIRAL PLASTIC HYBRID CONVEYOR BELT

The innovative design of the Advantage hybrid conveyor belts combines acetal links and modules with rigid stainless steel rods, making the Advantage 120 and 200 ideal for use in food processing applications where product release and sanitation is critical. The unique design facilitates an exceptionally large open area without compromising belt rigidity and strength. The Advantage spiral belts are designed for freezing and cooling applications and have truly superior sanitation characteristics due to the open module design and double slotted links. The competition has been tested, but only the Advantage is proven cleanable.

|   |              | Units of Measurement       | Advantage 120                            | Advantage 200                |                |
|---|--------------|----------------------------|--|------------------------------|----------------|
| Turn Ratio                                      |              |                            | 1.5 - 2.8                                |                              |                |
| Pitch   |              |                            | 1.18" (30 mm)                            | 2" (50.8 mm)                 |                |
| Widths - Curve/Spiral (1" increments)           |              | in. (mm)                   | 8" - 40" (203 mm - 1016 mm)              | 10" - 48" (254 mm - 1219 mm) |                |
| Widths - Straight Run (1" increments)           |              |                            | 8" - 60" (203 mm - 1524 mm)              | 10" - 60" (254 mm - 1524 mm) |                |
| Rod Diameter                                    |              |                            | 0.192" (4.9 mm)                          | 0.236" (6.0 mm)              |                |
| Belt Thickness                                  |              |                            | 0.56" (14.3 mm)                          |                              |                |
| Conveying Surface                               |              |                            | Full belt width                          |                              |                |
| Weight (nom)                                    |              | lbs/ft² (kg/m²)            | 2.0 lbs/ft²(9.5 kg/m)                    | 1.8 lbs/ft²(8.6 kg/m)        |                |
| Maximum Temperature                             |              | °F (°C)                    | 180°F (82°C)                             |                              |                |
| Minimum Temperature                             |              |                            | -50°F (-45°C)                            |                              |                |
| Open Area                                       |              | %                          | 67% - expanded / 61% - average in a turn |                              |                |
| Avg. Air Pressure Resistance in turn at 550 FPM |              | in. (Pa)                   | 0.061" (15.2 Pa)                         | 0.042" (10.5 Pa)             |                |
| Maximum Belt Pull                               | Curve/Spiral | lbs (kg)                   | 500 lbs (226 kg)                         | 750 lbs (340 kg)             |                |
|   | Straight Run |                            | 1000 lbs (453 kg)                        | 1500 lbs (680 kg)            |                |
| Maximum Allowable Tension                       | Curve/Spiral | lbs (kg) at 100,000 cycles | 200 lbs (91 kg)                          | 300 lbs (136 kg)             |                |
|   | Straight Run |                            | 400 lbs (182 kg)                         | 600 lbs (273 kg)             |                |
| Link & Module Material                          |              |                            | Blue Acetal (POM)                        |                              |                |
| Rod Material                                    |              |                            | Stainless Steel                          |                              |                |
| Turn Direction                                  |              |                            | Bidirectional (left & right)             |                              |                |
| Mode of Turning                                 |              |                            | Inside edge collapses in turn            |                              |                |
| Method of Drive                                 |              |                            | Sprocket driven on links                 |                              |                |
| Standard Sprockets (other sizes available)      |              | TEETH                      | PITCH                                    | TEETH                        | PITCH          |
|   |              | 16                         | 6.05" (154 mm)                           | 10                           | 6.47" (164 mm) |
|   |              | 21                         | 7.92" (201 mm)                           | 13                           | 8.36" (212 mm) |
| Options   |              |                            | Integral Guard Edge & Lane Dividers      |                              |                |
| Integral Guard Edge Heights                     |              | in. (mm)                   | 0.5" & 1.0" (13 mm & 25 mm)              |                              |                |

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

## FEATURES & BENEFITS

- Highest tension ratings and beam strength in its class of spiral/turn curve belts
- With the greatest open area and up to 370% less back pressure than leading competitors' all-plastic belts, spiral evaporator fans run with less resistance and use less energy
- Excellent product release, particularly in freezing applications
- Turn ratios as low as 1.5:1 for use in small footprint applications
- Quick, easy assembly with only a screwdriver – no welding or special tools needed
- Guaranteed no black specks
- Stainless steel rods provide superior beam strength eliminating the need for additional support rails, which reduces friction, tension and energy consumption

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