

Solution Guide



uni OWL
Straight Running Belt

- Industry > **Beverage**
- Application > **Shrink Wrap Conveyor**
- Description > **Cases are wrapped in plastic and taken through an oven to be shrink wrapped**

The shrink tunnel will heat up the shrink and then quickly cool it down. In the past it was common to use steel belts for this type of application due to the high temperature.



uni OWL in a heat tunnel application



Problems

> Problem 1

The shrink wrap will stick to the surface of traditional steel and plastic belts.

> Problem 2

When subjected to high heat plastic will age over time. Typically the belt will lose half of its strength after 800 hours of operation.

Solutions

> Solution 1

The uni OWL surface offers excellent release characteristics due to the patented radius (low contact) top surface and a large open area for cooling.

> Solution 2

The uni OWL belt is standard in a special high temperature nylon (PA6 GFH) that increases the life compared to standard nylon. The uni Flex SNB belts are strong enough that even half the strength is sufficient in these applications.