

## Challenge

### Issue

Food plant had tried multiple types of packing to achieve more reliable sealing of potato steam peeler.

The best results they were able to achieve: two months before the set blew out (catastrophic failure) and had to be completely replaced.

### Goal

Increase Mean Time Between Failure (MTBF) and reduce maintenance costs

## Solution

### Application

- Frequent, rapid pressurization 0 – 19 bar (0 – 280 psi) and rapid decompression 19 – 0 bar (280 – 0 psi)
- Bi-directional equipment
- Temperature was 212°C (415°F)
- Speed was 18 rpm

### Overview

Plant switched to *Chesterton DualPac® 2211*, a braided packing that brings together the best of aramid and PTFE packing with distinct shaft-facing and outward-facing properties.

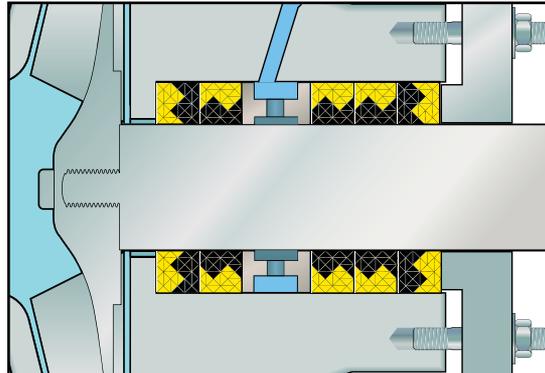
## Results

### Client Reported

- *DualPac 2211* performed the best of any packing they had ever tried in this equipment
- The peeler has been running for 21 months to date without a packing blow out and without any significant leakage



Sealing of potato steam peeler application was unreliable and costly.



With *DualPac 2211*, you can configure the packing for just sealing or for sealing and solids resistance.



Figure 1: *Chesterton DualPac Technology* results in a braided packing with distinct benefits on each side.