



PerkinElmer Legacy Products



Herber is a distributor for Eaton's PerkinElmer legacy products, which include bellows, joints, and seals.

Seals

- **Static Seals** | Used between surfaces which have little or no movement relative to one another.
- **Dynamic Seals** | Used between surfaces that have relative movement, i.e. the movement of the shaft relative to a housing.
- **Semi-Static Seals** | These fall in between the categories of Static Seals and Dynamic Seals. They are designed to accommodate the limited movement of the surfaces being sealed.

We offer the following Centurion™ Brand Seals

- 700 Series Mechanical Seals
- 800 Series Mechanical Seals
- 1200 Series Circumferential Segmented Seals
- 1900 Series Brush Seals
- 1300 Series Clearance Seals

Bellows

Bellows are the primary component of all zero leakage flexible joints. Eaton's PerkinElmer bellows are made from multi-ply, thin-wall tubing to offer the highest strength and durability while maintaining flexibility.

Joints

Link Joints: Provide a low profile means to angular deflection in high-pressure tension-type ducting systems. The "chain link" center pivot permits angular movement.

Gimbal Joints: Used in high pressure bleed air systems. They provide flexibility without compromising weight or pressure drop.

Universal Joints: Provide very low pressure drop because the integral gimbal system is on the outside of the bellows.

Ball Joints: Allow for angular deflection in tension type duct systems. The ball and socket acts as a backup seal in the unlikely event of a bellows failure.

Slide Joints: Accommodate axial travel and angular deflection with minimal pressure drop. They are ideal in systems which are subject high temperatures and surge pressures.

Slip-Flex Joints: Designed to accommodate all types of motion requirements in a compression system. This joint is low-profile, light weight, and flexible. It allows for angular deflection, lateral offset, axial motion and 360 degree rotation with minimal leakage rates.

**Herber Aircraft, your best source for
PerkinElmer legacy products from Eaton**



1.800.544.0050

www.herberaircraft.com