

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