

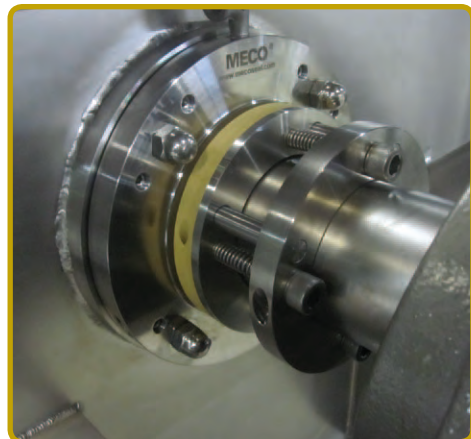
An Employee Owned Company

## CUSTOM SHAFT SEALS FOR FOOD PROCESS MACHINERY

### MECO SHAFT SEALS OFFER CLEAN AND COST-EFFECTIVE SEALING SOLUTIONS FOR A VARIETY OF FOOD PROCESSES.

Originally developed for sealing dry powders in screw conveyors, MECO seals have evolved to fill sealing needs for a wide variety of food process machinery.

- Ribbon Blenders
- Fluidized Zone Mixers
- Bucket Elevators
- Grinders & Attritors
- Solvent Extractors
- Mash Tanks & Hopping Systems
- Sigma Arm Mixers/Dough Mixers
- Plow Mixers
- Cookers, Dryers & Hot Breaks
- Propeller Agitators
- Conches
- En Masse Conveyors
- Screw Conveyors and Feeders
- Crystallizers/Tank Agitators



OFS TYPE-2 SEAL INSTALLED ON A DRY POWDER RIBBON BLENDER

### MECO SEALS HANDLE DRY POWDERS, PASTES, SLURRIES AND LIQUIDS IN MOST FOOD PROCESS INDUSTRIES:

DRY POWDERS	PASTES & SLURRIES
Salt	Doughs
Sugar	Liquid Chocolate
Dry Flavor Concentrates	Jams & Candy Fillings
Dry Beverages	Spice Mixes
Meats & Pet Foods	Salad Dressings
Flour/Bakery Pre-Mixes	Cheese, Butter & Dairy Mixes
LIQUIDS	
Soups	Broths
Beverages	Liquid Flavor Concentrates
Solvents & Vapors in Vegetable Oil Extraction Systems	



MECO SPLIT SEAL FOR WET FOOD SERVICE



UNSPILT SEAL ON A FEEDER SCREW

[www.mecoseal.com](http://www.mecoseal.com)

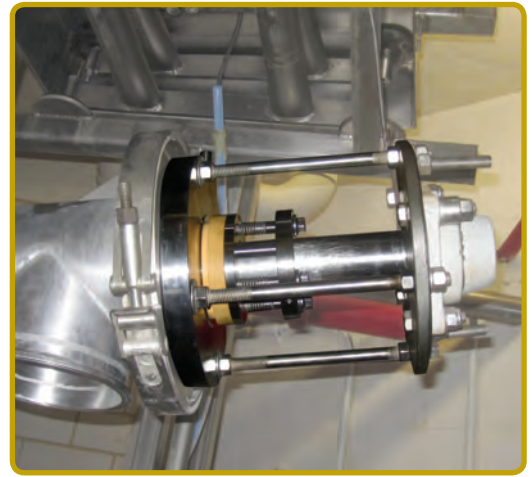
## MECO ENGINEERED SHAFT SEALS



216 Bay Point Road, Georgetown ME 04548 USA  
 Phone 1 207 371 2210 • Toll-free in North America 1 800 526 8800 • Fax 1 207 371 2169  
[www.mecoseal.com](http://www.mecoseal.com) • Email [sales@mecoseal.com](mailto:sales@mecoseal.com)  
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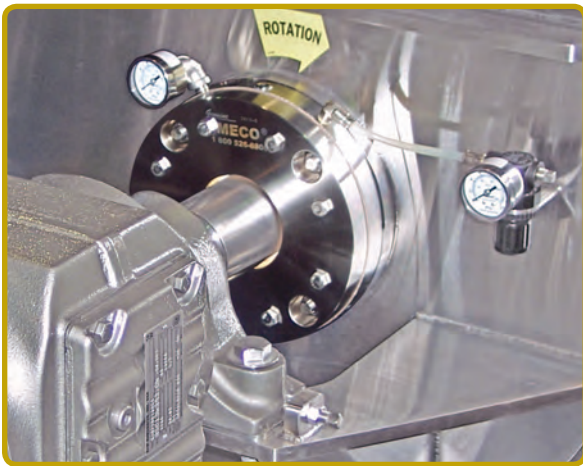
FDA-approved materials are used, and some models can be configured for explosive atmospheres and certified, if needed, for European ATEX service.

MECO seals permit 1/4" or more of diametric shaft eccentricity (runout), ensuring product containment in mixing equipment. The seals eliminate packing and associated abrasion, product leakage, and product contamination.



**MECO SEAL ON INCLINED PACKAGING SCREW  
MANUFACTURED FOLLOWING USDA GUIDELINES.**

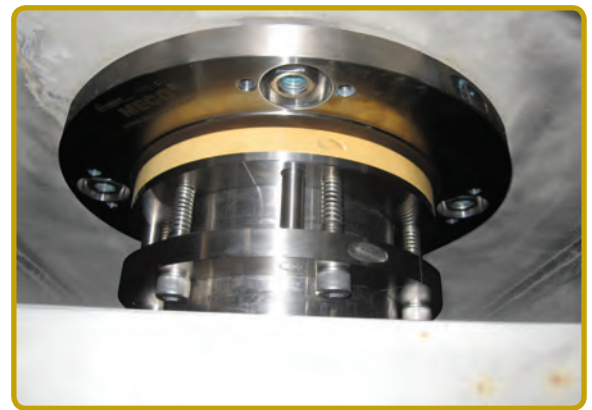
- Custom-designed for your machinery
- Fully-split
- 1/4" + runout capacity
- Sanitary designs available
- Easily removed for cleaning
- Flush ports available
- FDA-approved materials
- Double and Single-face Designs



**MECO AH AIR PURGED SEAL**

MECO's air-purged seals (left) consume little air, keeping loss in weight systems accurate. Single-face seals (above and below) use no compressed air.

Designed for quick and easy cleaning and sanitizing, MECO seals help maintain product purity. Seals and rebuild components are available fully-split, for bench sanitizing or rapid repair on-site.



**MECO SINGLE FACE SEAL ON A RIBBON BLENDER**

**AVAILABLE FOR RETROFIT ON EXISTING MACHINERY,  
AND FROM BETTER MACHINERY MANUFACTURERS.**

**SPLIT SEALS CAN USUALLY BE RETROFITTED WITH NO  
MODIFICATIONS REQUIRED TO YOUR MACHINERY.**



*MECO's design staff or your local distributor can help tailor the seal to your individual needs.*

Below are a few examples of other MECO seal models.



- Split OFS Model**
- Top and Side Entry
  - Solvents
  - Purge Free



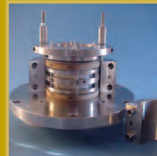
- EA Model**
- Abrasive Slurries
  - Adjustable on-the-Fly
  - Large Diameters



- AH Model**
- Blenders
  - Screw Conveyors
  - Tight Spaces



- HB Model**
- Standard Seals for C.E.M.A. and Metric Screw Conveyors



- EP Model**
- Reactor Vessels
  - Dryers
  - Extruders

**Distributed by:**



All MECO Seals

