

MECO[®] Food SEALS

SHAFT SEALS

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

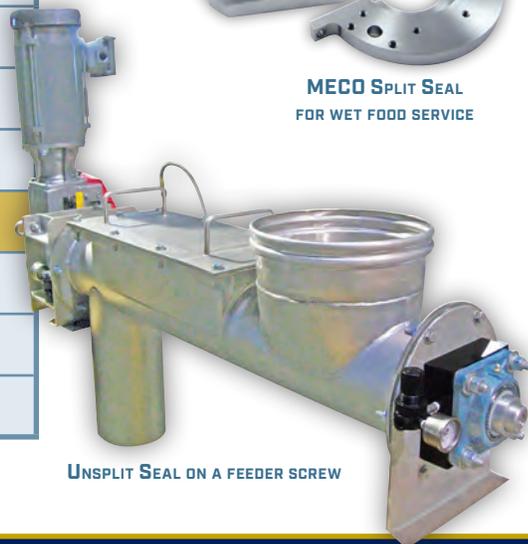
MECO SEALS HANDLE DRY POWDERS, PASTES, SLURRIES AND LIQUIDS IN MOST FOOD PROCESS INDUSTRIES:

FDA-approved materials are used, and some models can be configured for explosive atmospheres and certified, if needed, for European ATEX service.

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



MECO ENGINEERED SHAFT SEALS

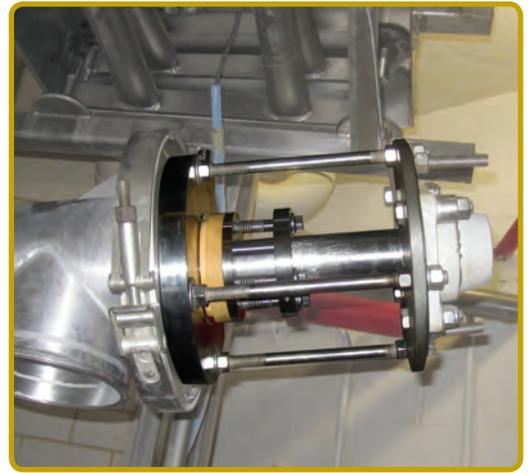
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MECO seals permit 1/4" or more of diametric shaft eccentricity (runout), ensuring product containment in mixing equipment. The seals eliminate packing and associated abrasion, product leakage, and product contamination.



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



MECO AH AIR PURGED SEAL

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 seals to your individual needs.
Below are a few examples of other MECO seal models.

<p>Split DFS Model</p> <ul style="list-style-type: none"> • Top and Side Entry • Solvents • Air Free 	<p>EP Model</p> <ul style="list-style-type: none"> • Reactor Vessels • Dryers • Extruders 	<p>MB Model</p> <ul style="list-style-type: none"> • Air locks • Rotary Feeders 	<p>HB Model</p> <p>HC Model</p> <ul style="list-style-type: none"> • Air Purged/Air Free Standard Seals for C.E.M.A. and Metric Screw Conveyors 	<p>AH Model</p> <ul style="list-style-type: none"> • Blenders • Screw Conveyors • Tight Spaces
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Distributed by:

