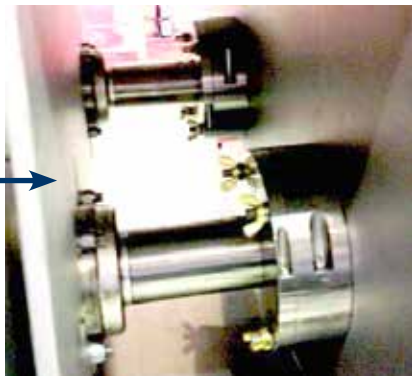
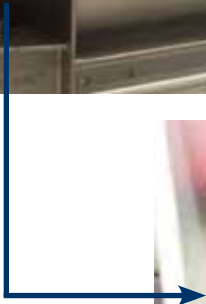


# MIXER SPLIT 9700 SEAL

Machined entirely split to make installation a Cinch

The mixer split , sanitary 9700 rotary shaft seal is designed to seal mixing and blending equipment. It is manufactured entirely out of stainless steel to handle dry powder and slurry products in the food service, pharmaceutical and chemical industries where stainless steel is required.



## FEATURES & BENEFITS

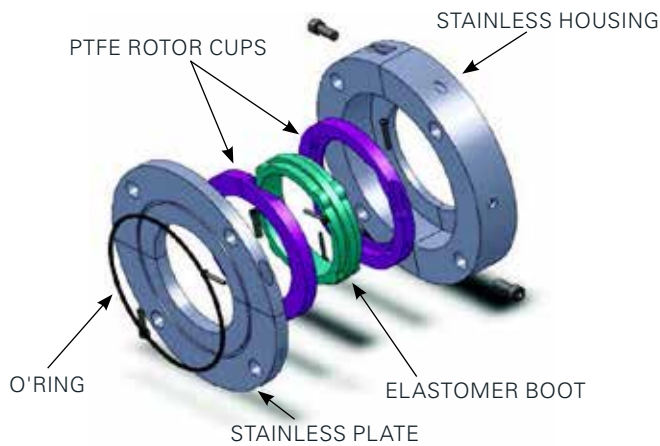
- » Eliminates product leakage, housekeeping issues, bearing and drive failure
- » Installation requires no equipment removal
- » Shaft damage and wear is totally eliminated due to the unique elastomer design that turns with the shaft
- » Eliminates product contamination caused by the breaking down of braided packing
- » Seals hazardous vapors and dust
- » Consumes less power than braided packing
- » Will not damage or undercut shaft

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## EXPLODED VIEW OF MIXER SEAL 9700 CINCHSEAL



## AVAILABLE ACCESSORIES

- » Seal Repair Kits
- » Air Pressure Regulators
- » CIP Option Available
- » Additional Elastomers

## APPLICATIONS

The Mixer 9700 seal is proven effective in sealing ribbon blenders, driers, and paddle mixers used in processing dry powder, semisolid and slurry applications. Among the particularly challenging materials we have been successful in sealing are: cement, spices, cocoa powder, liquid chocolate, plastics and resins, salt, sugar, etc.

## HOW THE MIXER SPLIT 9700 WORKS

The heart of the Mixer Split 9700 CinchSeal is the FDA-approved elastomer designed to create an interference fit on the shaft. This tight fit allows the elastomer to turn with the shaft and thereby eliminating shaft damage or wear. The elastomer seals the shaft and stops product from migrating past while also turning a set of mineral-filled PTFE rotor cups. As the elastomer and rotor cups turn with the shaft, they are compressed with the optimum amount of face pressure against a stationary face. The rotating face against a stationary face is what creates the primary seal that stops product from getting by. The PTFE rotor cups are designed to be the wearable part of the seal and repair kits are available. The repair kit consists of two new PTFE split rotor cups and new split elastomer. The seal is designed to be purged with air 5 to 8 PSI over vessel pressure to keep rotating seal faces cool and free of material. The seal is easy to take apart, clean, and re-assemble for daily maintenance.

## PURGE OPTIONS

All CinchSeals should be purged with either plant air, nitrogen, or silicone grease. For best results, each seal should have an individual air regulator and not share it. Air purging the seal creates a higher pressure inside the seal cavity, which creates an air barrier that helps keep material inside the tank and out of the seal.

## INSTALLATION

The Mixer Split, Sanitary 9700 CinchSeal should not be installed on severely worn equipment. Damaged shafts, excessive float or misalignment should be corrected prior to installation. The Mixer rotary shaft seal must be mounted square to the shaft. Please refer to installation guide when mounting your seal. Call if help is needed.

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