APPLICATION SOLUTIONS: EXTRUDERS

MAXIMIZE PRODUCT YIELD & DECREASE MAINTENANCE COSTS

Extruders in industrial process plants are critical assets. Typical shaft seals are unreliable and maintenance intensive due to their inability to accommodate radial run-out, axial movement and angular shaft misalignment. This causes shortened seal life, increased maintenance and costly product loss.

Effectively contain your product with custom engineered Inpro/Seal® AM (Air Mizer®) Solutions™ shaft seals. Rather than relying on conventional shaft sealing methods, AM Solutions shaft seals use air, or inert gas, as a non-contacting sealing mechanism, which eliminates shaft damage, friction, wear and seal maintenance. The unique design of AM Solutions shaft seals accommodate radial run-out, axial movement and angular shaft misalignment simultaneously.

Count on us to improve reliability, increase MTBR, and maximize asset protection and utilization. As the inventor of AM Solutions shaft seals and a global leader in engineered sealing solutions, Inpro/Seal has the knowledge and local sales network to deliver expert engineering and proven results.

The Inpro/Seal AM Smooth Bore DS (Dual Shaft) is designed specifically for twin shaft extruders with tight clearances between the shafts.

FACTS AT A GLANCE

Inpro/Seal® AM Solutions™ shaft seals installed on extruders:

• effectively prevent product loss.
• can accommodate radial run-out, axial movement and angular shaft misalignment simultaneously.
• can be split for ease of installation.
• are a direct retrofit with no equipment modifications.
• require zero maintenance.
• improve plant safety and cleanliness.
• reduce scheduled maintenance intervals.
• can be designed to meet USDA and FDA specifications.
EXTRUDER REQUEST FOR QUOTE

Data Needed For Quote

VENTED TO ATMOSPHERE: Yes  No
AIR INTO PRODUCT: Yes  No
SEAL TYPE: Split  Solid
APPLICATION: Extruder  Mixer  Blender  Agitator
Other ____________________________
CURRENT SEALING SOLUTION: Lip  Packing
Other ____________________________
SHAFT POSITION: Horizontal  Vertical Up  Vertical Down
PRIMARY DIMENSIONS: Shaft ________ Flange OD ________
Max OAL ____________________________
PRODUCT TO BE SEALED: ____________________________
PRODUCT DENSITY/SPECIFIC GRAVITY: ____________________________
RPM: ____________________________
TEMPERATURE AT SEAL: °C | °F  Min ________ Max ________
TEMPERATURE OF PRODUCT: ____________________________
CONCENTRATION OF PRODUCT: ____________________________
MISALIGNMENT: DRO ________ STBM ________
Angular ________ Axial Movement ________
BOLTS/GLAND STUDS SIZE: ____________________________
BOLT MOUNT: 2  4  Other ____________________________
CONSTRUCTION MATERIAL: Bronze  Stainless  Other ________
O-RING MATERIAL: Viton  Other ________

BRIEFLY DESCRIBE THE APPLICATION

TOTAL PIECES OF EQUIPMENT: ____________________________
CONTACT FOR QUESTIONS: ____________________________

Fax RFQ sheet to 309-787-6114 or email info@inpro-seal.com