

FOX[®]

SEALING SYSTEMS





To provide cutting - edge rubber sealing and specialized mechanical sealing solutions.

Producing over 3 million precision sealing components per month is a dominant supplier of sealing solution to the bearing and auto components industries in India and Abroad.

➤ Product Range ◀

- ***Moulded Rubber Parts***
- ***Bearing Seals***
- ***O Rings***
- ***Anti Vibration Mounts***
- ***Oil Seals***
- ***Rubber Grommets/ Bushes /Suspension Bushes***
- ***Precision Stamped Sheet Metal Components***

PRODUCT RANGE- AUTOMOTIVE SEALING SOLUTIONS



STEERING SEALS

Fully integrated solutions for optimized automotive performance. We manufacture the following sealing solutions for the automotive industry

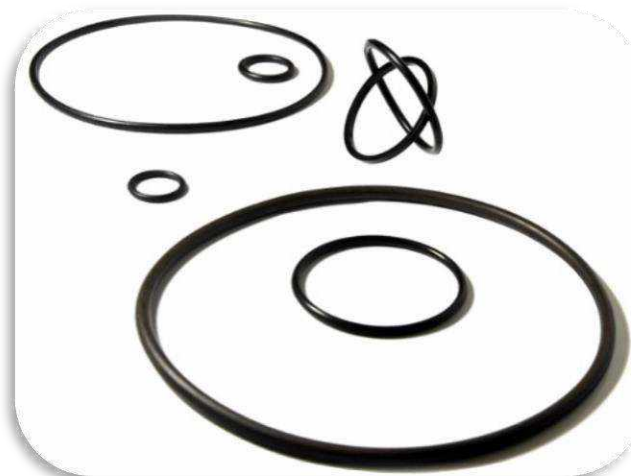
- **OIL SEALS**
- **WHEEL HUB SEALING**
- **STEERING SEALING**
- **O-RINGS**
- **ANB & CAB MOUNTS**
- **SUSPENSION MOUNTS**



OIL SEALS



MOULDED PARTS & MOUNTS



O-RINGS



WHEEL HUB SEALS

PRODUCT RANGE- OFF HIGHWAY SEALING SOLUTIONS



OIL SEALS

Specially designed sealing solutions for Off Highway rough terrain & demanding external environment conditions. We manufacture the following sealing solutions for the Off Highway application

- **OIL SEALS**
- **WHEEL BEARING SEALS**
- **O-RINGS**
- **STEERING SEALS**
- **MUD BLOCK SEALS**



MUD BLOCK SEALS



O-RINGS

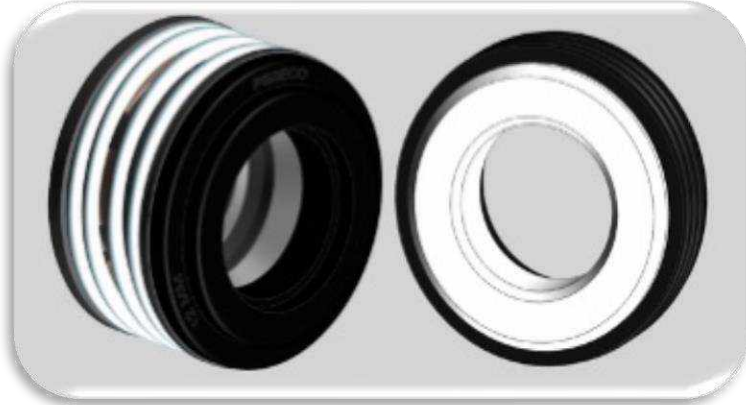


WHEEL BEARING SEALS



STEERING SEALS

PRODUCT RANGE- AGRO SEALING SOLUTIONS



MECHANICAL SEALS

Agro industry has varied requirements of sealing which are specially designed and customized to give superior performance under different working condition. We manufacture the following sealing solutions for the Agro Sector

- **OIL SEALS**
- **MECHANICAL SEALS**
- **O-RINGS**
- **NECK RING**
- **BOWL BUSHES**



OIL SEALS



O-RINGS



NECK RING



GROMMETS

PRODUCT RANGE- BEARING SEALING SOLUTIONS



HIGH TEMPERATURE SEALS

Bearings are used widely across industry for all rolling motion and requires specialized precision sealing solution. We manufacture the following sealing solutions for the Bearing industry

- **SINGLE & DOUBLE LIP SEALS**
- **HIGH TEMPERATURE SEALS**
- **CASSETTE SEALS**
- **O-RINGS**
- **WHEEL HUB SEALS**



SINGLE & DOUBLE LIP SEALS



O-RINGS



CASSETTE SEALS



WHEEL HUB SEALS

PRODUCT RANGE- COMPRESSION & TRANSFER MOLDED PRODUCTS



DIAPHRAGMS

Compression & Transfer Moulded Solutions are widely used in the Auto industry. These are exclusively designed profiles based on dynamic & static requirements of applications like engines, cabins, chassis, etc

- **BELLOWS**
- **DIAPHRAGMS**
- **BOWL BUSHES**
- **GROMMET**



CUSTOMISED MOULDED PARTS



BELLOWS

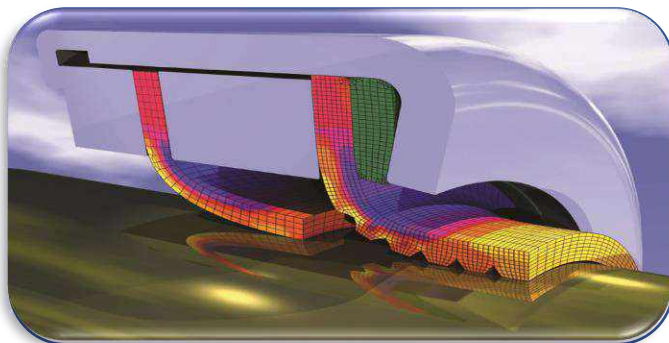


GROMMETS

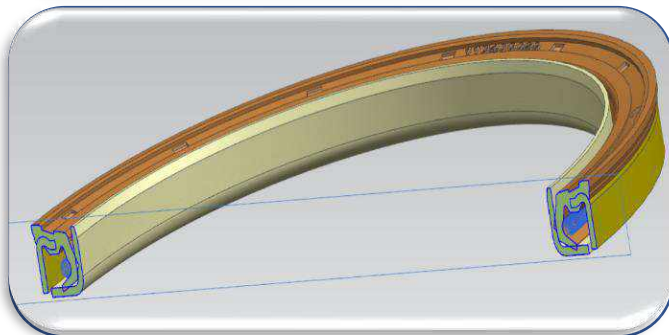


BOWL BUSHES

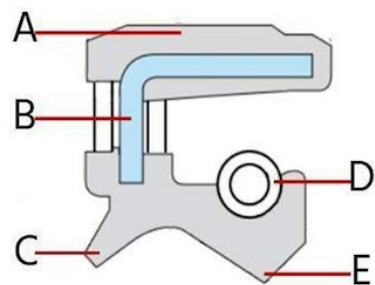
With a comprehensive design, analysis capability for sealing solution along with in-house capability for designing and manufacturing all tools required for production. It is backed by over 4 decades of experience in catering to the sealing technology needs of the industry.



Capability of offering technical drawings as per customer's requirement. It is equipped with a Computer-Aided Design (CAD) facility which can design sealing solutions as per customer specification



Manufacturing of advanced sealing solutions requires precision and comprehensive Tool Design Capability. Our Companies has a Computer-Aided Design (CAD) facility for tool design and manufacturing in-house of all tooling to produce the sealing solutions.



With its 4 decades of experience in the bearings industry and its technical expertise has been working on the reduction of seal friction to provide a comprehensive sealing performance with considerable torque reduction which can pave the way for reduced friction to all rotating shaft applications across industries.

TECHNOLOGY- ADVANCED METROLOGY

In-house setup of a precision metrological facility to support its developments in the sealing solution area



VMS- Visual measuring machine



Tensile Testing Machine



Densitometer and rebound resilience tester



Prescott MDR Machine



Shore Hardness Tester

QA Facilities

- Profile Projector (LC 0.001 mm, angle 1')
- Muffle Furnace
- Thermal Camera
- Relative dynamic load tester
- Ash Content Tester
- Compression Set.
- Seal fitting fixture

Fully integrated Advanced Metrological Lab to support all the development activities. This facility supports all non-contact measurements of seals and cross-sections.

Latest setup for rubber compound testing.



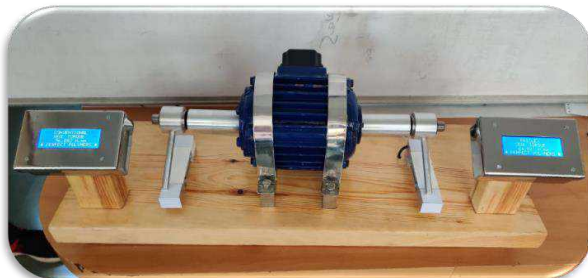
Micro IRHD Testing Machine

TESTING & VALIDATION

Testing and validation of component level part as well as testing the part at the sub assembly level as per the estimated duty cycle holds the key to effective development of parts and technology.



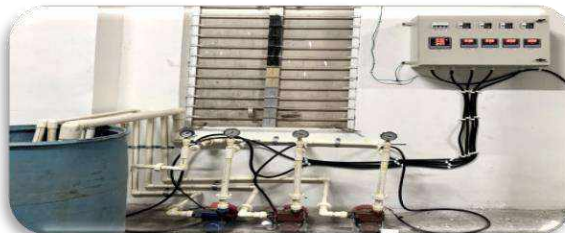
Endurance Testing Machine



Torque Testing System

Testing facility for

- Endurance test
- Clutch Testing
- LOP Test
- Mud bath test
- Salt Spray test
- Engine testing
- Shock absorber test
- Drag torque test



**Mechanical Seal
Performance Tester**



**Bearing Grease Leak, Water
Intrusion & Seal Retention Tests**

IN-HOUSE TOOL ROOM FACILITY

In-house Tool Room Facility is very critical for the development of molded parts where precision & durability of tool plays an important role. It holds the key to the effective development of parts and technology.



Okuma VMC



CNC machines

Fully integrated Tool Room with end-to-end facilities of design & manufacture of advanced tooling for all its sealing solution production. It has the following equipment in the Tool Room facility

- Okuma MB-56 VA VMC
- Okamoto Surface grinder
- Vertical Milling Machine
- CNC Machine DX-350
- CNC Machine STC-200
- Lathe machines
- Drilling machines
- Tool Grinders



Okamoto surface grinder



Ultrasonic mould cleaning machine

ADVANCE MANUFACTURING CAPABILITY

Advanced Manufacturing Capability along with a state-of-the-art Manufacturing Facility ensures seamless delivery of technology solutions. Advanced manufacturing setup allows consistent delivery of Quality Products



**Mixing Mill with Peripherally Drilled Rolls
& Stock Blender (Make: Bainite)**



Precision Preformer

Manufacturing Rubber Sealing Solutions requires an advanced manufacturing facilities to ensure consistent delivery of high-quality sealing solutions to its customers

- Water Cooled Two roll Mixing mill
- Screw-type Extruders (with variable AC drive)
- Precision Preformers
- Vacuum Compression Molding Presses
- PLC controlled Hydraulic Presses
- Trimming Machines
- Deflashing machines
- Automatic Spring Coiling Machine
- Automatic spring insertion and checking machine



Vacuum Compression molding machine



Special Purpose Trimming Machine

ADVANCE MANUFACTURING CAPABILITY

Advanced Manufacturing Capability along with a state-of-the-art Manufacturing Facility ensures seamless delivery of technology solutions. Advanced manufacturing setup allows consistent delivery of Quality Products



Automatic Visual Inspection Machine



Seals are subjected to automatic visual inspection using the state-of-the-art facility. This ensures completely defect-free parts, appropriately stacked automatically, eliminating the usual errors in handling high-volume seal production



- **25-T Eccentric Presses with De-coiler (Make : Hensel, India)**
- **40-T & 63-T Eccentric Press with De-coiler, Straightener, Feeder (Make: Hensel, India)**

In-house integrated Sheet Metal Stamping Facility starting from tooling design to production of precision stamped parts.

- Bearing Seal Metal Insert (Shim)
- Automotive Sheet Metal Components
- Precision Stamped Components



40-T H Frame High Speed Press

- Understand customers' needs and offer products conforming to required quality and safety standards.
- Train and motivate the employees to ensure total customer satisfaction.
- Continuously review product and process requirements to stay in tune with the latest technology.
- Continuously monitor quality requirements. Analyze non-conformities and adopt control measures.
- Understand, implement and audit quality system regularly.
- Continuously review customer feedback.

ISO - 9001:2015



IATF - 16949:2016





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Thank you...

We look forward for having a long lasting business relationship with your esteemed organization

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TRUSTTEC[®]