



Stopoil *Seals and rings*
Install the Perfect Seal's All Time

INVIGORATE YOUR CONFIDENCE NOW WITH OUR PRODUCTS



Konvaor

Idlers - Dust Seals - Circlips
Thermoplastic Bearing
Housing Machined & Fabricated Assemblies



Fist Power

Hydraulic Pneumatic Seals
Chevron & Twin Set Packings



Summerfield

Irrigation & Farm Impliment Spares
Pumps & Spares



Flo - Fit

Hydraulic Fittings - NRV's
Dowty - Bonded Seals &
Machined Components



Rubber Krafters
KRAFTER'S OF SUBMERSIBLE PUMP BUSHES



ISO 9001-2000 CERTIFIED

OUR ADVANTAGES

We serve to make your life uncomplicated. Heighten your delight with increased production, reduce downtime so as to SEE 'U' HOME IN TIME FOR DINNER.



GUIDED BY COMMITMENT

Well-equipped factory in Coimbatore, South India.
Catering to leading OEMs and End Product manufacturers in the domestic and international circuit.

ABOUT US

1960 - A trading company for industrial inputs and accessories in the name and style of messer's GIC (India) took birth at madras (now Chennai), South India.

1981 - First manufacturing unit for Rubber & Plastic components launched.

1986 - An additional product in precision pressed components (Sheet metal) primarily for integral consumption was included to our range of products.

1988 - exiting factory augmented with automatic production line to facilitate manufacturing of thermoplastic Polyurethane Products.

1990 - An exclusive unit for OIL SEALS was set up in Haryana state, North India.

1996 - Re-located operations to Coimbatore, South India.

2000 - Gave Birth to our Second UNIT in coimbatore

A TEAM OF PROFESSIONALS

Backed by 50+ years of domain experience, the group has a team of steadfast Quality Control experts.





WHO WE ARE

We started in the year 1960. At our core, we are a dedicated team based in Tamil Nadu, committed to delivering top-notch rubber and hydraulic solutions. With a customer-centric approach, we strive for excellence in every aspect.

"We have a flexible set-up with all departments in-house which gives the advantage of fulfilling customers"

From our extensive product range to our personalized service, Our dedicated team of experts are always ready to assist you in finding the right products for your needs, providing personalized guidance and excellent customer service.



WHAT WE DO

ONE STOP SOLUTIONS

In today's fast-paced business world, entrepreneurs and companies often find themselves juggling a dizzying array of tasks and responsibilities. From managing finances and operations to marketing and sales, the demands on modern businesses can quickly become overwhelming. That's where our group krishsahel steps in, providing a comprehensive suite of services designed to streamline your operations and propel your organization to new heights of success.

RELIABLE SEALING SOLUTIONS

INSATLL THE PERFECT SEAL'S ALL TIME WITH OUR PRODUCTS

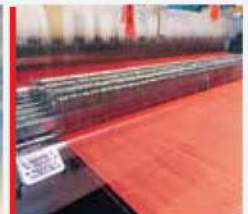


INDUSTRY WE SERVE

Aeronautical
Automobile
Mining and Power Generation
Refineries and Fertilizers
Sugar & Cement
Marine
Textile
Transformer Manufacturers

EQUIPMENT MANUFACTURERS

Conveyor and Material Handling
Hydropneumatics SPM's
Submersible Pumps
Gear Box
Air Compressors
Domestic Appliances



OUR BRANDS



Stopoil *Seals and rings*

Install the Perfect Seal's All Time



Oil seals are used to protect shafts and bearings from ingress of dirt and foreign matter and egress of oil or grease. An oil seal generally consists of an outer circular metal part and an inner flexible member that does the actual sealing and is bonded to the metal part by chemical adhesive agents.

The **Dynamic Sealing Mechanism** or pumping action is how the fluid film created from the Hydrodynamic Effect is maintained without developing a leak.

Dynamic Seals, called expellers, set up an air/liquid interface from centrifugal force at some radius in their passageway that depends on the pressure difference between the stuffing box and discharge pressure that must be overcome. The higher this differential pressure the more beneficial the dynamic seal becomes.

Seals are used to prevent the leakage of fluids in rotating equipment. A seal prevents lubricants, such as oil and grease, from entering the environment and (dirty) water from entering the installation.



Konvaor

Idlers - Dust Seals - Circlips Thermoplastic Bearing Housing Machined & Fabricated Assemblies

IDLERS In summary, the four most commonly used types of idlers are trough idlers, flat return idlers, impact idlers and training return idlers.

They support the belt and conveyed material along its full length preventing it from stretching, sagging and eventually failing. Conveyor rollers and idlers are often required to operate in harsh environments such as dirty, dusty, high humidity, and drastically high or low temperatures.



TYPE	MATERIAL
Rubber Idlers	Steel covered in Rubber
Ceramic Idler	Steel with Ceramic tiles or fully Ceramic
Nylon Idlers	Nylon (Type of Plastic)
Insulated Idlers	Various insulating materials

DUST SEALS This is a rubber dust seal with double lip to prevent oil spilling. Nitrile rubber and fluorine rubber are available, so it can be used in a wide range of temperature conditions. Prevents dust from entering from the outside to protect packings and bearings.



Dust seal covers, or boots, are accordion-like rubber or plastic seals designed to keep dust out of the systems they protect. Dust seals are found on a variety of systems from brake calipers to the power steering system. They may protect shaft joints, ball studs, or steering linkages.



Circlips are typically made from stainless steel and similar metals. Alternative names for circlips include retaining rings, retaining clips, C-type, Jesus clips, snap rings, and E-type. Retaining rings serve as a removable shoulder within an assembly to retain components in a bore or on a shaft.



Circlips are used to prevent lateral movement. They are used as retaining rings on bearing assemblies and are manufactured using semi-flexible metal ring. These products are in a shape of a circle with a clip and are open from one end. The most common form of axially fitted circlips for shafts with grooves.



There are two basic types of circlips: internal (fitted into a bore) and external (fitted over a shaft). Circlips are often used to secure pinned connections.



Thermoplastic Bearing Units are corrosion resistant units for various applications and are needed for the environments of clean operating. Thermoplastic bearing units provide the desirable thermal, electrical and mechanical properties that offer the standard products.



Bearings are "parts that assist objects' rotation". They support the shaft that rotates inside the machinery. Machines that use bearings include automobiles, airplanes, electric generators and so on.



OUR BRANDS





Fist Power



Hydraulic Pneumatic Seals Chevron & Twin Set Packings

Hydraulic and pneumatic seals are sealing components used for applications with rotary or reciprocating motions, they are commonly found in cylinders. Hydraulics is liquid and pneumatics is gas. And the main difference between these two is, Hydraulic systems use liquids like water and oil to transmit power.

Hydraulic seals are gasket-like rings that are designed to seal areas between the components in a hydraulic cylinder. Hydraulic cylinders contain many different components, some of which are exposed to the fluid. To prevent fluid from leaking around these components, hydraulic seals are used.



With internal pneumatic seals, a housing bore surrounds the seal and the sealing lip touches the shaft. This seal requires very little lubricant. With external piston pneumatic seals, the seal surrounds a shaft and the sealing lip touches the housing bore. This system requires more lubrication.

The most commonly used material is acrylonitrile or nitrile butadiene rubber (NBR). Relatively inexpensive, NBR exhibits excellent resistance to petroleum-based hydraulic fluids for the temperature range -50°C to 120°C (-60°F to 250°F), but is not resistant to weathering.

Each individual lip of Chevron packing set independently reacts to pressure and automatically effect a seal. The multiple lip configurations automatically distribute pressure and effectively seal along the shaft. The seal is a combination of a Gland Ring, center V-Ring & pressure ring or header.

CHEVRON Packing is design for sealing rods, pistons and plungers in hydraulic cylinders and hydraulic presses. Extremely suitable for medium duty to heavy duty application. CHEVRON seal accepts low & high pressure, vigorous conditions & also if any misalignment between sealing gaps.



OUR BRANDS



Summerfield

Irrigation & Farm Impliment Spares Pumps & Spares

Irrigated agricultural area refers to area equipped to provide water (via artificial means of irrigation such as by diverting streams, flooding, or spraying) to the crops. In non-irrigated agricultural areas, production of crops is dependent on rain-fed irrigation.



Flo - Fit

Hydraulic Fittings - NRV's Dowty - Bonded Seals & Machined Components

Fittings allow hydraulic hoses to connect to various components and machines, and facilitate the transfer of hydraulic fluid and power. Hydraulic fittings come in various sizes, materials, types of seals, and temperature and pressure tolerances. Some can allow or prevent the flow of fluids, and some can do both.

There are several types of fittings used in different applications and environments, each with its own characteristics and benefits. Hydraulic fittings are a special type of fitting used in hydraulic systems to connect pipes and hoses that carry fluids normally under high pressure. Industrial: Hydraulic fittings and adapters are widely used in various industrial applications, such as manufacturing, processing, and handling equipment. These fittings and adapters facilitate the connection and transfer of fluids in the hydraulic system, enabling the smooth operation of the equipment.

Dowty seals, also called bonded seals, are a washer kind of seal used to tighten the connection around screws and bolts. They are typically made of both a metal and an elastomer material. In mechanical engineering, a bonded seal is a type of washer used to provide a seal around a screw or bolt. Originally made by Dowty Group, they are also known as Dowty seals or Dowty washers. Now widely manufactured, they are available in a range of standard sizes and materials.





Rubber Krafters
KRAFTER'S OF SUBMERSIBLE PUMP BUSHES



We manufacturer all kind of supporting spare parts for each stage of a submersible pump - OPEN BOREWELL PUMPS.

KRAFTERS The submersible pump is sometimes called a bell pump and is fully immersed in water to be extracted. These pumps are used in situations that involve flooding, such as rising groundwater in cellars or basements, flooded boats, or flooded areas.



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Electric submersible pumps are multistage centrifugal pumps operating in a vertical position. Liquids, accelerated by the impeller, lose their kinetic energy in the diffuser, where a conversion of kinetic to pressure energy takes place. This is the main operational mechanism of radial and mixed flow pumps.





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