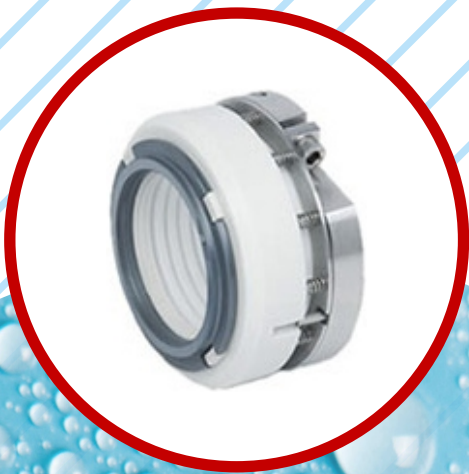




**COMPLETE SOLUTION FOR
LEAKFREE & TROUBLE
FREE OPERATION**



**Mechanical
Seals**



ABOUT US

ESTABLISHED BY A TEAM OF YOUNG PROFESSIONALS, WE HAVE A REPUTATION IN THE MARKET FOR MANUFACTURING A WIDE RANGE OF QUALITATIVE INDUSTRIAL PUMPS. WE ARE EQUIPPED WITH SOPHISTICATED MACHINERY THAT ENABLE IN CONSTANT RESEARCH WORK TO ENSURE OUR PUMPS MEETING THE NEEDS OF COMPLEX INDUSTRIAL OPERATIONS. LEAKLESS (INDIA) ENGINEERING, AND ISO 9001 CERTIFIED COMPANY, EVER SINCE ITS ESTABLISHMENT IN 1980, HAS BEEN CONSIDERED AS A LEADING MANUFACTURER, SUPPLIER AND EXPORTER OF INDUSTRIAL PUMPS AND MECHANICAL SEALS.

MANUFACTURING UNIT

OUR MANUFACTURING UNIT IS WELL EQUIPPED WITH MODERN SOPHISTICATED AND ADVANCED TECHNOLOGY MACHINERY THAT ENABLE US TO DELIVER DURABLE AND HIGH QUALITY PUMPS. THE EFFECTIVE USE OF MODERN TECHNOLOGIES, HIGH DOMAIN EXPERTISE IN OUR PRODUCTION PROCEDURES AND USE OF MACHINES THAT COMPLY WITH INTERNATIONAL STANDARDS HELP US TO DELIVER HIGH PERFORMANCE ORIENTED PUMPS AND MECHANICAL SEALS.



TESTING FACILITIES

WE HAVE IN-HOUSE TEST BED AT FACTORY FOR RUNNING PERFORMANCE OF EACH AND EVERY ASSEMBLED PUMP. EVERY PUMP IS TESTED WITH HYDRAULIC PRESSURE FOR MECHANICAL SEAL, VOLUTE CASING AND CASING COVER LEAKAGES FROM PIN HOLE POROSITIES. RUNNING PERFORMANCE OF PUMPS WITH SUITABLE MOTOR FOR DISCHARGE HEAD, FLOW, POWER CONSUMPTION, RPM, VIBRATION, NOISE LEVEL AND TEMPERATURE OF BEARING HOUSING AND LEAKAGE OF MECHANICAL SEAL. PHYSICAL AND CHEMICAL TEST CERTIFICATE OF ALL KIND OF MATERIAL BY REPUTED LABORATORIES.



CERTIFIED WITH



The National Small Industries Corporation Ltd

AN ISO 9001 : 2015

Decide with Confidence
D-U-N-S : 91-674-1523



सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES



SME Rating Agency of India Ltd.

APPLICATION

FOR LIGHT ACIDIC, ALKALINE,
SALT ORGANICS, EFFLUENT, SLURRIES,
PETROCHEMICALS

OPERATING RANGE

TEMPERATURE : -45°C TO +125°C
PRESSURE : Upto 40 BARS (580PSI)
SPEED : 15 M/S
SIZE : 12MM TO 200MM

MULTI SPRING SEAL (LIE-701 & LIE/701B)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, CERAMIC (99.5 %), SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C

APPLICATION

FOR CORROSIVE ACIDIC, ALKALINE,
SOLVENTS, EFFLUENT, SLURRIES.

OPERATING RANGE

TEMPERATURE : 10°C TO +125°C
PRESSURE : Upto 5 BARS (72PSI)
SPEED : 15 M/S
SIZE : 12MM TO 100MM

PTFE BELLOW SEAL (LIE-707)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, CERAMIC (99.5 %), SILICON CARBIDE, GFT, SFT, CFR,TC
ELASTOMER : PTFE, GFT
HARDWARE : SS316, SS304, ALLOY-20, TITANIUM, HASTELLOY-B & C

APPLICATION

VISCOUS FLUID, PETROLEUM,
ABRASIVE SLURRY, THERMIC FLUID,
CRYSTALLIZING TYPE FLUID,
SOLIDIFYINGGG SOLUTION.

OPERATING RANGE

TEMPERATURE : -10°C TO +350°C
PRESSURE : Upto 20 BARS (260PSI)
SPEED : 15 M/S
SIZE : 12MM TO 150MM

SINGLE SPRING SEAL (LIE-702)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, CERAMIC (99.5 %), SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C

APPLICATION

MIXER, VESSEL, PETROCHEMICALS,
CHEMICAL, DRUGS & PHARMACEUTICAL
GAS.

OPERATING RANGE

TEMPERATURE : -10°C TO +150°C
PRESSURE : Upto 5 BARS (72PSI)
SPEED : 5 M/S
SIZE : 19MM TO 150MM

SPLIT TYPE SEAL (LIE-714)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C

APPLICATION

FOR HIGH TEMPERATURE,
THERMIC FLUID, PETROLEUM &
REFINERIES.

OPERATING RANGE

TEMPERATURE : -45°C TO +950°C
PRESSURE : Upto 25 BARS (360PSI)
SPEED : 20 M/S
SIZE : 12MM TO 150MM

METAL BELLOW SEAL (LIE-710)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C, INCONEL 625

APPLICATION

CLEAR WATER, SEA WATER,
SEWAGE, SUBMERSIBLE PUMPS,
MARINE EQUIPMENTS.

OPERATING RANGE

TEMPERATURE : 10°C TO +150°C
PRESSURE : Upto 5 BARS (72PSI)
SPEED : 15 M/S
SIZE : 12MM TO 100MM

SINGLE SPRING BELLOW SEAL (LIE-705)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, CERAMIC (99.5 %), SILICON CARBIDE, TUNGSTEN CARBIDE
ELASTOMER : VITON, SILICON, NEOPRENE
HARDWARE : SS316, SS304, ALLOY-20, TITANIUM, HASTELLOY-B & C

APPLICATION

SEWAGE, SLURRY, PAPER,
EFFLUENT WITH SOLIDS,
PULP, SUGAR.

OPERATING RANGE

TEMPERATURE : -50°C TO +250°C
PRESSURE : Upto 25 BARS (360PSI)
SPEED : 20 M/S
SIZE : 12MM TO 150MM

SLURRY SEAL (LIE-703)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C

APPLICATION

VISCOUS MATERIAL,
CONTAMINATED LIQUIDS.

OPERATING RANGE

TEMPERATURE : -10°C TO +250°C
PRESSURE : Upto 10 BARS (150PSI)
SPEED : 15 M/S
SIZE : 12MM TO 200MM

WAVE SPRING SEAL (LIE-711)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C

APPLICATION

SEWAGE, OIL, WATER,
SUBMERSIBLE PUMP,
EFFLUENT.

OPERATING RANGE

TEMPERATURE : -45°C TO +250°C
PRESSURE : Upto 10 BARS (145PSI)
SPEED : 15 M/S
SIZE : 12MM TO 100MM

CONICAL SPRING SEAL (LIE-704)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, CERAMIC (99.5%), SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C, INCONEL 625

APPLICATION

TEXTILE INDUSTRIES, SLURRY,
VISCOUS LIQUIDS, SUGAR PLANT.

OPERATING RANGE

TEMPERATURE : - 10°C TO +150°C
PRESSURE : Upto 5 BARS (72PSI)
SPEED : 15 M/S
SIZE : 12MM TO 100MM

STAR TYPE SEAL (LIE-712)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, CERAMIC (99.5 %), SILICON CARBIDE, TUNGSTEN CARBIDE
ELASTOMER : VITON, SILICON, NEOPRENE
HARDWARE : SS316, SS304, ALLOY-20, TITANIUM, HASTELLOY-B & C

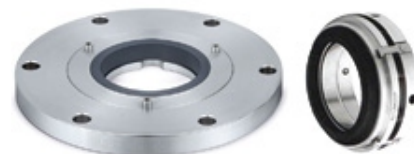
APPLICATION

REACTORS, VESSELS, DRYER,
MIXERS, STICKY FLUIDS.

OPERATING RANGE

TEMPERATURE : -50°C TO +250°C
PRESSURE : Upto 25 BARS (360PSI)
SPEED : 5 M/S
SIZE : 25MM TO 150MM

DRY TYPE SEAL (LIE-715)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C

APPLICATION

WASTE WATER,
INLINE SUBMERSIBLE PUMP,
WATER APPLICATION.

OPERATING RANGE

TEMPERATURE : -10°C TO +150°C
PRESSURE : Upto 10 BARS (150PSI)
SPEED : 15 M/S
SIZE : 12MM TO 100MM

THREADED CARTRIDGE TYPE SEAL (LIE-716)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C

APPLICATION

HIGH PRESSURE, SOLVENT,
HIGH TEMPERATURE, CHEMICALS,
FUMES, VACCUM SYSTEMS.

OPERATING RANGE

TEMPERATURE : -45°C TO +250°C
PRESSURE : Upto 50 BARS (725PSI)
SPEED : 36 M/S
SIZE : 16MM TO 250MM

CARTRIDGE TYPE SEAL (LIE-706)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, CERAMIC (99.5%), SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C, INCONEL 625

APPLICATION

HIGH PRESSURE,
BOILER FEED.

OPERATING RANGE

TEMPERATURE : - 10°C TO +250°C
PRESSURE : Upto 80 BARS (1160PSI)
SPEED : 25 M/S
SIZE : 16MM TO 150MM

STAR TYPE SEAL (LIE-717)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, SILICON CARBIDE, TUNGSTEN CARBIDE
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C, INCONEL 625

APPLICATION

MIXERS, DRYERS, AGITATOR,
VESSELS, HIGH PRESSURE,
HIGH TEMPERATURE, FUMES,
VACCUM SYSTEMS.

OPERATING RANGE

TEMPERATURE : -50°C TO +350°C
PRESSURE : Upto 80 BARS (1160PSI)
SPEED : 5 M/S
SIZE : 25MM TO 400MM

AGITATOR SEAL (LIE-708)



MATERIAL OF CONSTRUCTION

SEALING FACES : CARBON, SILICON CARBIDE, TUNGSTEN CARBIDE,
ELASTOMER : VITON, SILICON, PTFE, GRAFOIL, KARLEZ, FEP, TTV, NBR, EPDM, ALFAS
HARDWARE : SS316, SS304, ALLOY-20, HASTELLOY-B & C

APPLICATION

FOR SEAL COOLING,
TO PRESSURIZE THE BUFFER CHAMBER.

OPERATING RANGE

TEMPERATURE : -10°C TO +350°C
PRESSURE : Upto 25 BARS (360PSI)
SIZE : 5 LTR TO 30 LTR

THERMOSYPHON SYSTEM (LIE-713)

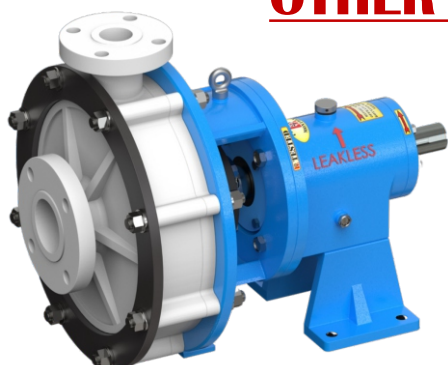


MATERIAL OF CONSTRUCTION

HARDWARE : SS304, Ss304, ALLOY-20, HASTELLOY-B & C



OTHER MANUFACTURED PRODUCTS



PP/GFPP/UHMW-PE
Centrifugal Pump



PVDF/PFA/FEP/PTFE
Centrifugal Pump



Metallic
Centrifugal Pump



Magnetic
Driven Pump



Canned Motor
Pump



Refrigerant
Pump



Vertical Sealless
Glandless Pump



Vertical
Sump Pump



Dewatering
Submersible Pump



Monoblock
Pump

INDUSTRIES WE SERVE :

- * CHEMICALS
- * COLD STORAGE
- * EFFLUENT TREATMENT PLANT
- * FERTILIZER PLANT
- * DRUG AND PHARMACEUTICALS
- * THERMAL AND ATOMIC POWER
- * COOLING TOWER
- * FOOD PROCESSING
- * DYES AND PIGMENT PLANT
- * PROCESSING OF LIQUIDS
- * TRANSFER, LOADING AND UNLOADING
- * BARREL UNLOADING

- * REFINERIES
- * PETROCHEMICALS
- * AIR CONDITIONING
- * STEEL INDUSTRIES
- * PAPER AND PULP INDUSTRIES
- * SCRUBBER UNIT
- * SUGAR PLANT
- * WATER TREATMENT PLANT
- * SOLVENT PLANT
- * ELECTROPLATING PLANT
- * CHILLING PLANT
- * FILTER PRESS



Self Priming
Chamber Type Pump

OUR CAPABILITIES

We create Pumps & Mechanical seals for industries. Your requirement and our specific approach provides the right application.

RESEARCH & DEVELOPMENT

Our team of domain experts are constantly engaged in innovating, researching and developing quality pumps and seals.

QUALITY ASSURANCE

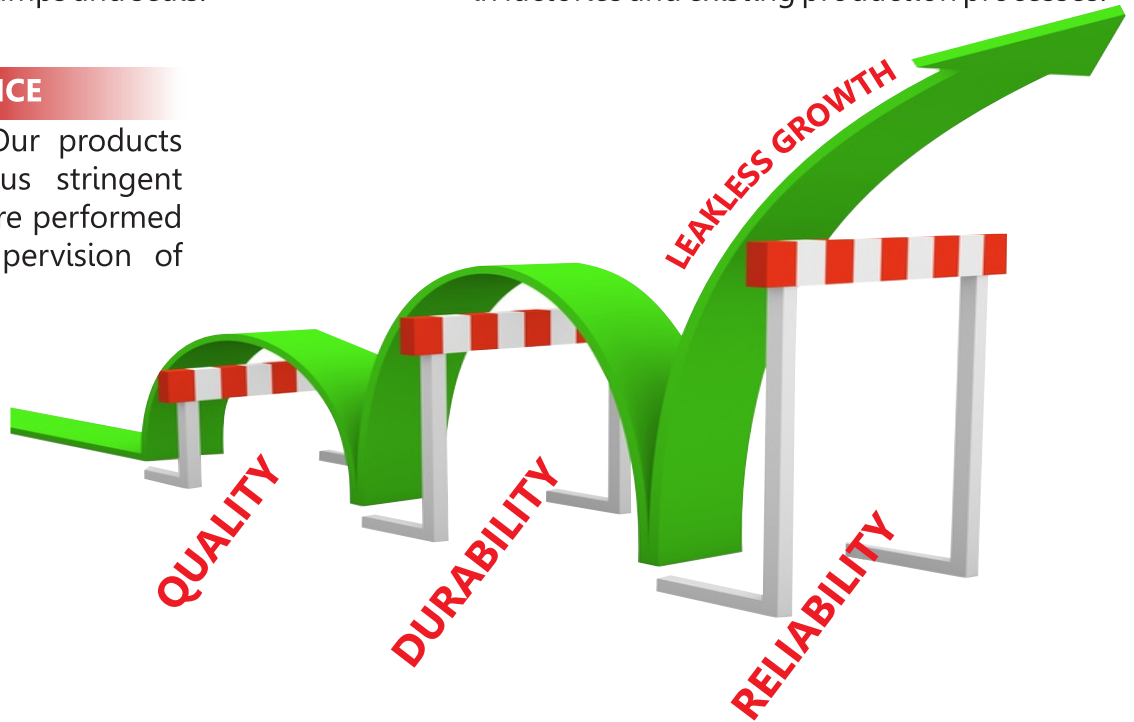
Quality Assurance Our products pass through various stringent quality tests which are performed under the strict supervision of domain experts.

WIDE NETWORK

Our products have a global acceptance and we have extended our network worldwide with the assistance of our distributors.

TECHNICAL SUPPORT

Technical support We have a skilled team of personnel who support for all the issues you face in factories and existing production processes.



YOUR REQUIREMENT



OUR APPROACH



WE ASSURE YOU:

We provide Pumping & Mechanical seals solutions to cater to a wide range of industries. Your requirement and our right approach helps us deliver the right quality product.

We have highly sophisticated machinery with domain expertise staff and latest technology facilities which helps us deliver quality pumps just as per your requirement.

Quality & Durable products.
Advanced technology for production.
Timely Delivery.
Prompt after sales services.
High levels of Customer satisfaction



REACH US

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NEXT TO SUBKUCH FAST FOOD | MALAD WEST | MUMBAI - 400 064 |
MAHARASHTRA | INDIA.

Latitude : 19.175214 Longitude : 72.836864

CONTACT US

+919892414245 | +918655616789 | +919152062260

EMAIL US

is@leaklesspumps.com sales@leaklesspumps.com
info@leaklesspumps.com leaklesspumps@gmail.com

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