



MAXCARE DEVICE

An ISO 9001-2015 Certified Company

USFDA 21 CFR 314.420 Approved

DMF No.030697

GMP CERTIFIED BY URS # 106435/A/01/NA/En

IN HOUSE CLEAN ROOM FACILITY

Mfg. of Rubber Packing, Gaskets, Sieves & Spares

ABOUT US

MAXCARE DEVICE is one of the leading Manufacturers, Suppliers and Exporters of finest Rubber Products, since our inception in the year 2006. We are engaged into manufacturing of a wide range of silicone rubber products for the most exquisite and critical applications for the food, pharmaceutical, medical and heavy engineering sectors across India and in international markets. We relish a rubber reputation among the major pharmaceuticals & biotech giants in India, we are lead by qualified rubber technologists from premier institutes of India, coupled with the rich experience in R&D emphasized by management capabilities. Our infrastructural facility has been laced with state-of-the art equipment and machineries necessary for the expedition of achievement of a large number of predefined goals set by our Organization. For optimal utilization of the resources of our organization, our infrastructural facility has been divided into a number of units, thereby boosting our operability and productivity in all terms. These units work in the most synchronized and professional manner, aiding us in the maximizing our productivity.

Beside the silicone rubber products, the company also manufactures a wide range of products in, FKM, EPDM, Neoprene, Nitrile, Hypalon and PTFE

PRODUCTS RANGE

PHARMA TUBING

MAXCURE - Platinum Cured Silicone Tube
MAXIDE - Peroxide Cured Silicon Tube
MAXPRENE - Thermoplastic Elastomer Tube
MAXTON - Fluoro Elastomer Tube (FKM)
MAXLON - PTFE Tube

REINFORCED HOSE PIPE

MAXNOR - Platinum Cured Silicon Hose
Reinforced With Polyester Braiding
MAXCUME - Platinum Cured Silicon Hose
Reinforced With SS316 Braiding
MAXTOF - PTFE Lined with SS304 Braiding,
Covered with Platinum Silicone

SILICONE INFLATABLE GASKET

MOULDING PRODUCTS

O Ring
T.C Gasket
Butterfly Valve Gasket
Diaphragms Valve Gasket
Silicon Sucker Bellow
Rubber Sheet

SIEVES

- Silicon Moulded Sifter Sieves
- Static Dissipative Sifter Sieves
- Z Type Sifter Sieves
- Dutch Sieves

SCREEN

Comill Screen
Multimill Screen
● Oscillating Granulator Screen
● Extruder Screen
●

OTHER PRODUCTS

- Pot Sieves
- Wire Mesh
- Sieves Inspection Kit

MAXCURE - Platinum Cured Silicone Tube

MAXCURE is platinum cured silicone tube has Comprehensive range of silicone tubing, manufactured by using latest Extrusion Technology & Advanced Grade platinum Cured silicone with bore sizes from 0.5mm up to 150mm, meets the demands of practically regulatory market application. Maxcure has Better fluid transfer characteristics compare to Maxide. Maxcure designed for peristatic pump



and fluid transfer in pharmaceutical and biotech applications Free of any heavy metals & hazardous substances. We offers a wide selection of approved material for use Specifically with in hygiene critical applications including FDA, CFR and USP Class VI

MAXIDE - Peroxide Cured Silicone Tube



Peroxide Grade Silicone Tubing Is Designed For General, Non Critical Applications. Maxide Is Translucent Silicone Tubing Having Good Flexibility And Resiliency. It Is Suitable For Peristaltic Pump Applications For Non-Critical Fluid Transfer. Manufactured By Using Quality Peroxide Grade Silicone Rubber Which Are Odourless & Tasteless With Good Flexibility And Flex Crack Resistance. Sterilizable by Autoclaving, ETO And Gamma Rays Available With Conforming FDA 21. CFR.177. 2600.

MAXPRENE - Thermoplastic Elastomer Tube (TPE)

Maxprene is Thermoplastic Elastomer Tube designed for transfer of Corrosive solvents. Maxprene Tube is opaque tubing especially known for its excellent flexibility and flex crack resistance. Especially used for peristatic application

Characteristics

- Manufactured by using world class thermoplastic elastomer
- Excellent chemical & solvent resistance
- Smooth bore to ensure less contamination
- Non toxic, Non hemolytic



MAXTON - Fluoro Elastomer tub (FKM)



Maxton is Fluoro Elastomer tube popularly known as viton® tubing especially designed for highly corrosive chemicals and solvents used in pharmaceutical industries most Commonly used for high temperature solvent. It can with stand a temperature range of -15°C to +250°C

Characteristics

- Excellent resistance to alcohols, acids & halogenated solvents
- Greater flame and fire resistance
- Service temperature -15°C to +250° C

MAXLON - PTFE Tube

Maxlon is PTFE tube. We offer superior quality Maxlon tubes that are used in pharmaceuticals industries. It is available in various size it is mainly designed for the transfer of acidic fluid in pharmaceuticals industries. It is available as per customer's requirement



MAXNOR - Platinum Cured Silicone Hose Reinforced With Polyester Braiding

Maxnor is platinum cured silicone hose reinforced with polyester braiding. It has excellent Flexibility For pressurized fluid transfer application in pharmaceutical and Biotech Industries. Maxnor is manufactured under stringent quality parameters to have greater flexibility and minimum bend radius



KEY FEATURES

- Excellent flexibility
- Manufactured from low volatile grade silicone resin
- Imparts no taste and odour
- Lot traceable
- Temp Range -80°C to +210°C
- Available with SS 316L Tri clover end Fitting in required length

Applications

- Pharmaceutical and Biotech material transfer
- Critical liquid transfer
- Load cell and cell cultures
- Analytical labs food and beverages

MAXCUME - Platinum Cured Silicone Hose Reinforced With SS 316 Helical Wire



Maxcume is platinum cured silicone hose Reinforced with SS 316L Helical wire. It gives better transparency to visualize flow and kink resistance. Maxcume hose is more superior than compare to Maxnor In high pressure and high vacuum rating applications. It is also used for antistatic application

KEY FEATURES

- High burst pressure resistance
- Designed for high vacuum rating application
- Having antistatic properties to dissipate static electrical charge makes it suitable highly volatile flammable fluid transfer
- Imparts no taste and odour
- Temperature range -80° C to 210°C
- Available with SS 316L T.C. end
- Flange end, SMS, etc.
- Fitting in required length

Applications

- Pharmaceutical processing
- Powder and fluid transfer
- Food processing
- Load cell application

Platinum Cured Silicon Hose Reinforced with Polyester Braiding and SS 316 Helical Wire

Platinum cured silicone hose reinforced with SS 316L Helical wire and polyester braiding having better flexibility with high pressure resistance. The product is suitable in pressurized fluid transfer application.



KEY FEATURES

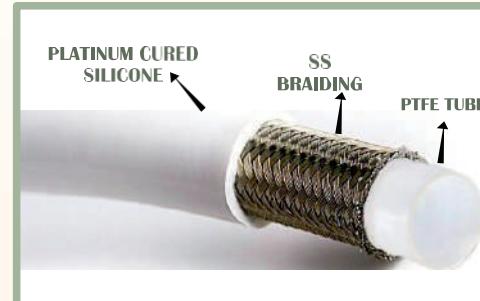
- Designed For High Vacuum rating applications
- Having antistatic properties to dissipate static electrical charge
- Imparts no test and odor
- Lot traceable
- Available with SS 316L Tri Clovers end having RA value < 0.5 at Bore
- Sterilizable by Autoclave, Ethylene Oxide Gas and Gamma Radiation

Applications

- Pharmaceutical processing
- Powder and fluid transfer
- High Vacuum Pump Applications
- Food processing
- Load cell application
- Biotechnology
- Bulk Transfer
- Fermentations and Bioreactors

MAXTOF - PTFE Lined With SS 304 Braiding, Covered With Platinum Cured Silicone

Maxtof is PTFE Lined With SS 304 Braiding Covered With Platinum Cured Silicone. It's having a capacity to stand high pressure along with greater chemical resistance. The product is having Ultra smooth bore which enhances superior flow properties and least adhesion to particulates.



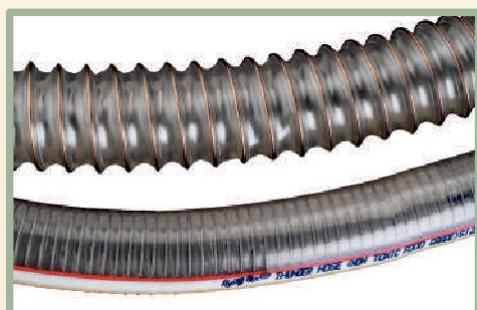
KEY FEATURES

- Excellent chemical resistance
- Permits easy cleaning
- Smooth silicone cover Safety to operate while handling high temperature.
- Temp Range :- 80°C to 230°C
- Available with SS 316L Tri clover end

Applications

- Pharmaceutical processing
- High pressure fluid transfer
- Low Temperature fluid transfer

PVC Hose Pipe Braided with SS 316 Helical Wire



Maxcare is one of the leading manufacturer of PVC hose pipe. Our PVC hose pipe braided with SS 316 helical wire are made from flexible transparent PVC with spirally reinforced immovable spring steel wire. The Inner & outer hose wall is smooth. Food grade PVC hose pipe is suitable for suction & delivery of water in food/pharmaceutical industries.

KEY FEATURES

- Inside & outside surface of hose is smooth
- Tough & Flexible
- High axial strength
- Available with SS316 L T.C. end, Flange end, SMS, Self Lock, etc.

Applications

- Conveying of food grade material and fluid in food & pharmaceutical industry.
- High pressure fluid transfer
- Low temperature fluid transfer

INFLATABLE GASKET

Inflatable gaskets are mostly used in application where contamination is not allowed. It is manufactured from Food Pharma Grade Transparent silicone Rubber. This Gaskets is inflated by 10mm to 12mm when 2kg to 4kg pressure is applied.



APPLICATION

- Fluid Bed Dryers/ Processors/Coaters
- Sterilizers
- Isolators, Glove Box
- Lyophilizers/Freeze Dryers
- Furnaces
- Airlock Door seals

KEY FEATURES

- Provides a leak proof closure and allows clearance when required.
- Leak Proof property at joint & nozzle.
- Not subjected to compression set which negates effect of other seals.
- Gives tolerance & pressure.

SILICONE AUTOCLAVE GASKETS:

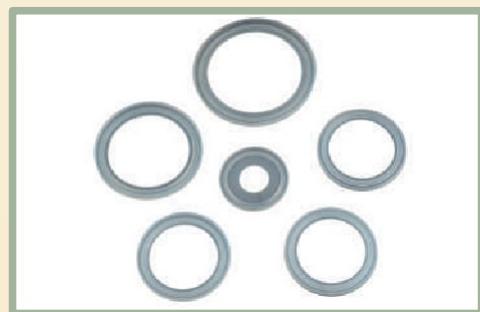


FEATURES

- Autoclave Gaskets for PharmaLab/ Fedigiri Machine fabric / or custom built.
- Autoclave Gaskets are also available as Inflatable Gasket.
- Excellent joint finishing
- It is available in different size & colour

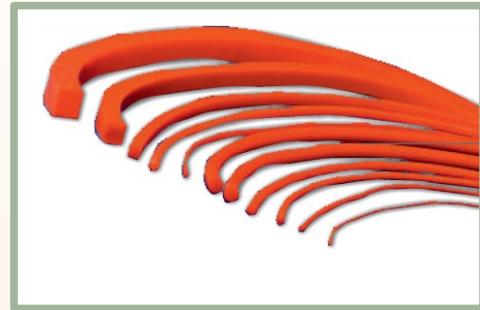
Tri Clover Gaskets

- From $\frac{1}{2}$ " To 12"
- Available For With Collar For Better Grip And Also Without Collar
- In 100% Food Grade Transparent Silicone Rubber
- Available in White & Red Colour
- Available in FKM, EPDM, Nitrile, Neoprene & PTFE



Rubber Cords And Strips

These strips and cords are available in FKM, silicone, EPDM, Nitrile & Polyurethane rubber for sealing Sizes 2.0 mm to 50.0 mm Available in running length In 100 % Food grade transparent silicone rubber and Pharma and food industries in different colors.



Profile Packing & Gasket



We offers a wide range of silicone door profile gasket in more than 1000 different shapes & sizes. We used special food pharma grade pure silicone rubber for manufactureing door profile gasket, these food pharma grade pure silicone rubber can easily- with stand a temperature range of -80°C to 250°C Profile Gaskets are available in white, red, transparent or any color as per customer's requirement.

Our door profile gaskets are manufactured from fully automatic Nilvowave continues curing system which gives accurate dimensions, glossy surface finishes & Aesthetically beautiful colors.

Applications

- Autoclaves, Isolators & Dry Head Sterilizers
- Clean Room Doors
- Air Tight Door Seal Application
- Freeze Doors
- Pharmaceuticals Processing Machines Door

Endless Gaskets

We successfully developed endless gasket in various Shapes Sizes, in different Materials Like Silicone, NBR, FKM, Neoprene, Grafoil & PTFE.



Salient Features

- Excellent Finish
- Accurate Dimension
- Outstanding Workmanship is Assured.

Rubber Sheets (Silicone/ FKM/EPDM /Neoprene / PTFE)

High quality silicone sheets conforms to FDA 21 CFR 177.2600 grade. These sheet are processed in high-pressure hydraulic moulding machines by accurately controlling the temperature and pressure, Which ensures uniform physical properties of the sheet.



SILICONE SLEEVES – FOR CORONA TREATMENT



It's dielectric silicone sleeve manufactured from a very specific silicone rubber compound, providing excellent electrical, thermal and chemical resistance, making it ideally suited to the harsh environment that is the corona treatment process. Silicone sleeves are produced specifically as an electrical dielectric sleeve and is manufactured to extremely close tolerance, ensuring reliable and consistent corona treatment performance

Silicone Sponge Gasket

We also offer a wide range of Silicone Rubber, Sponge, Gasket in more than 1000 different shapes, designs and variant colors as per the requirement of our client. These extruded door gaskets are made from food pharma grade pure Silicone rubber which can easily withstand a temperature range of - 80°C to + 250°C



Features

- Low water absorption
- High compressibility and low compression set over a wide temperature range
- Suitable for long term continuous operation from -60°C to +200°C

Application

- Over Doors
- Thermal Insulation
- High & low temperature Gasket & seal

Elastomer 'O' RING

All standard O-Ring size (imperial and metric) are available in Silicone , FKM , Nitrile, EPDM, Neoprene. These 'O' Rings are manufactured on a Hydraulic Press with tightly controlled temperature and time for ensure accurate dimensions excellent finish, invisible flash line, properly post cured and absolutely defect free.



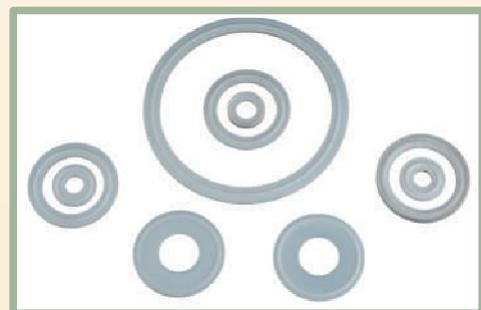
FEP Encapsulated 'O' - Rings



We also supply encapsulated o-rings where one material is covered with continuos layer of another material, it have a core of elastomer that is completely covered with a seamless sheath of FEP fluoropolymer. the elastomeric core is normally FKM or silicone, the unique combination forms a highly effective, long lasting seal for the most demanding applications. These O-rings can withstand a temperature range of -60°C to +250°C depending upon the choice of elastomer core.

PTFE 'O' - Rings & T.C Gasket

We also manufactured PTFE O-rings. it is basically designed for working, under high temperature & "acidic solvent it can easily withstand a temperature range of -200°C to 260°C



PTFE Envelop Gasket



PTFE Envelope Gasket offer positive, trouble-free sealing in most applications, ranging from mild to severely corrosive environments, it is available in a broad range of standard sizes and configurations, as well as custom sizes upon request, we offers PTFE envelop gasket up to 1000 mm ID. these gasket are used in reactor manhole for packing.

SILICONE DIAPHRAGM VALVES

Medical-Grade, platinum-cure Silicone is widely accepted in pharmaceutical & biotech applications and is often used throughout the plant. Like all of our diaphragm materials, our Silicone diaphragms meet USP Class VI and FDA 21 CFR 177.2600 standards



APPLICATION

- Pump Diaphragms
- Pressure Relief Valve Diaphragms
- Flush Bottom Valve

Silicone Bellows- For Powder Transfer System



Silicone Customized Products



**BUTTERFLY VALVES GASKET
IN SILICONE/VITONE/EPDM**



SILICONE HOPPER GASKET



SILICONE DIAPHRAGMS



RUBBER DIAPHRAGMS



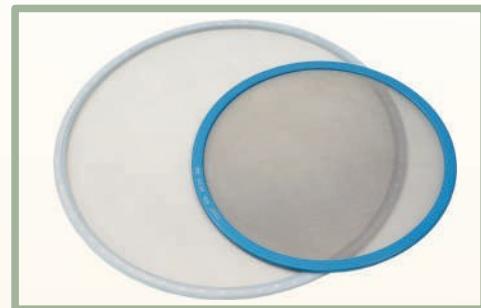
MOLDING PRODUCT



SILICONE SUCKER BELLOW

Silicone Moulded Sifter Sieves

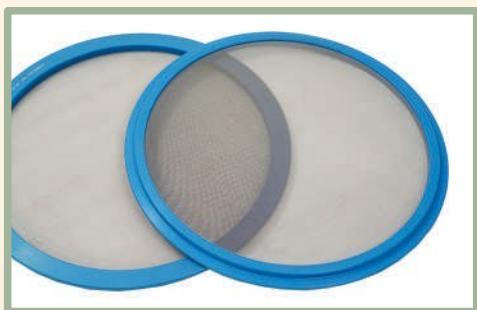
Silicone Moulded Sifter Sieves are available in various sizes from 12" to 48" diameter. The most common size used is 20" diameter (550 mm) & 30" diameter (750 mm). The silicone which is of food grade quality, transparent in appearance, non-toxic is moulded on the stainless steel ring. The mesh sizes varies from 4 mesh to 500 mesh with A.S.T.M. Standard being certified on 90 x microscope.



Salient Features

- Crevice free GMP design
- Calibrated & certified as per international standards
- Available in SS 316L quality
- Available in all size as per customer requirement
- Accurate dimension

Static Dissipative Sieves (SDS)



We are manufacturer & supplier of static dissipative sieves, it is available in various sizes from 12" to 48" diameter the most common size-used is 20" & 30" diameter

Salient Features

- Static resistant
- Flame proof
- Crevice free GMP design
- Calibrated & certified as per international standards
- Available in SS 316L quality
- Available in all size as per customer requirement
- Accurate dimension

FBD, FBC, FBP, FBE Dutch Sieves & Plain Sieves



Salient Features

- Crevice free GMP design
- Certified as per international standard
- Available in SS 316L quality
- Available in size ranging from 200mm dia to 1280mm dia.
- Import substitute design available
- It can be tailored made

Multimill Sieves

Salient Features

- SS 316 Lead Free Multi Mill Sieves are Design as per GMP Model
- Calibrated and Certified as per International Standards.
- Available in Sizes ranging from 100 mm dia to 400 mm dia.
- The most common size is 265 mm dia x 140 mm height.
- Perforation Sizes ranging from 0.2 mm dia to 25 mm dia.
- Accurate dimensions
- High strength Durable
- Item code: Ss316
- It can be tailored made



Comill Sieves



Comill sieves are specially fabricated in a joint less design. The surface is micro polished & treated to give a smooth non sticky finish. Perforations can be done in round, square & grater profiles. We manufacture sieves suitable for any kind of cone mill i.e., top driven or under driven, any size, lab models to production models & any make of machine, national or international.

Salient Features

- Constructed according GMP Design
- Calibrated & Certified as per International Standards.
- Available in SS 316 L
- Quality Perforation sizes ranging from 0.45mm dia to 25mm dia
- Available in sizes ranging from 100mm dia to 400mm dia Suitable for 'Quadro, Frewitt & glatt make machines
- Triangular & Spherical Grater perforation Available.
- It can be tailored

Cad mill Screens/Comminuting mills

Salient Features

- Crevice free GMP Designs.
- Material Of Construction: Stainless 316-L Quality.
- Perforation sizes AVAILABLE from 0.25mm to 25mm.
- Perforation shape available in round, square.
- Triangular & Spherical Grater perforation Available.
- Certified as per International Standards.
- Screen can be tailor made to your specification.
- Laser printing available as per requirement.



Granulator Sieves

Our Oscillating Granulator sieves are strong enough to bear the load of the rapping blades yet are flexible enough to fit properly in the machine. The perforated area is designed to give the maximum output & maintain a longer screen life. The screen is passivated, micro polished & treated to give a crevice free, smooth, non sticky surface.



Salient Features

- Crevice Free GMP Design
- Calibrated & Certified as per International Standards.
- Available in SS 316 L Quality
- Perforation sizes ranging from 0.2 mm dia to 25 mm dia
- Available in all sizes
- It can be tailored made

Rotary Sifter (Turbo Witt)

Salient Features

- Crevice free GMP Designs.
- Material Of Construction: Stainless 316-L Quality.
- Perforation sizes AVAILABLE from 0.25mm to 25mm.
- Perforation shape available in round, square.
- Certified as per International Standards.
- Screen can be tailor made to your specification.
- Laser printing available as per requirement.



The Lead Free Turbo Witt is an innovative new sieving system that allows high-throughput size reduction and screening of raw materials. High through-put sieving is made possible by the high-speed rotary basket screen which creates centrifugal forces to act on the product to gently force the product through the basket holes, whilst preventing foreign material like packaging from entering the process.

Lead Free Pot Sieves & Hand Sieves

Salient Features

- Crevice free GMP design
- Certified as per international standards
- Available in SS 316 quality
- Available in size ranging from 200mm dia to 1000mm dia
- It can be tailored made



Flex Sift Screen

Salient Features

- Crevice free GMP Designs.
- Material Of Construction: Stainless 316-L Quality.
- Perforation sizes AVAILABLE from 0.25mm to 25mm.
- Perforation shape available in round, square.
- Certified as per International Standards.
- Screen can be tailor made to your specification.
- Laser printing available as per requirement.



Flex Sift is the high-capacity centrifugal sifter/separator with the convenient inline design that has revolutionized security screening equipment technology. Simply install Flex Sift near the beginning of your process stream to effectively DE agglomerate raw materials, while capturing and retaining foreign materials and other impurities before they can contaminate your final product. Centrifugal action can achieve a high volume of screening with a small machine footprint. These are mainly used for Check Screening but can also be used for sizing & separation. Sieves are designed to withstand the high stress forces generated and apertures and sheet thicknesses are carefully.

Sieves & Screen Products



Lab Multimill



Comill Screen



Turbo Sifter



Comill Screen



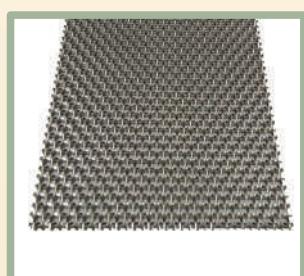
Sieves Inspection Kit



Double Cone Extruder



Test Sieves / Hand Sieves



Roll Compactor

Rollers for inspection and blister packing machine

Salient Features

- Crevice free GMP design
- Certified as per USFDA 21 CFR 177.2600
- Both side spring loaded with ball bearing for easy change over
- Colour Available : Green, White, Red, Orange Etc.
- Import substitute design available



Latex Sleeves

Available sizes of power transfer devices for various machines.

- 1) Sifter : 1) 3"D X 18" L
2) 4"D X 8" L
3) 5"D X 18" L
- 2) CAD MILL, RMG : 1) 18"D X 30"D X 18" L
- 3) MULTIMILL : 2) 8"D X 20" D X 18" L
- 4) ROLL COMPACTOR : 1) 44"D X 44"D X 18" L
- 5) Rubber packing sleeves for all above mentioned powder transfer devices are available with us.



SHIFTER TO CONTAINER / IPC / BIN

Castor Wheel

Castor :- Castor is defined as a set of small swivelling wheels fixed to the legs or base of trolley or light weighted machined & equipment so that it can be moved easily.

Type of Fitting:- Plate type, Pin type & Stud type

Type of Working:- Fix type, Swivel type & brake type

Type of Capacity :- Light duty, Medium duty & Heavy duty

M.O.C. of Wheel :- Pu (Polyurethane), UHMW, Nylon, Antistatic, Teflon, Rubber, etc.

M.O.C. of Bracket :- S.S. 202, S.S. 304, S.S. 316, M.S., Powder Coating, Plating, etc.



Mechanical Seal



Single Spring Mechanical Seal



Multi Spring Mechanical Seal



PTFE Bellow Mechanical Seal



Wave Spring Seal



Rubber Bellow Seal



Rubber Bellow Seal



Bellow Seal



Metal Bellow Seal



Cartridge Seal For Vertical Pump



Single Cartridge Seals for Pump



Single dry Seal for Reactor



Double Seal for Reactor

FEW OF OUR PRESTIGIOUS CLIENT



Media Contacts



**NUTRI PHARMA CONSULTANCY
& ENGINEERING SERVICES**

CONNECTING THE DOTS ITS WHAT WE DO....

Based on Food, Pharma & Building Facilities

NPC

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A photograph of a pharmaceutical manufacturing facility showing large stainless steel tanks and piping.

Please reach out via following contacts

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