



# EXCELLENCE IN SILICONE

Extruded, Moulded & Fabricated  
Food Grade Rubbers Products



SINCE 2005

**SHAH SEALTECH PRIVATE LIMITED**

(Formally known as *Mahati polymer corporation*)



## ABOUT US

We are pleased to introduce ourselves as supplier of EXTRUDED and MOULDED Synthetic Rubber and Engineering Fluorinated Plastic Products of Silicone (Platinum/Peroxide Cured), Fluoro Silicone, FKM (VITON®), Perfluoro Elastomer (KARLREZ®), EPDM (EPM), Neoprene, Nitrile Rubber, Polyurethane (PU) & Pure PTFE (TEFLON®), PEEK, Delrin, Nylon Products.

Our Journey started in the year 2005, under registered trademark of M-tech Sillicone™ & M-prene™ formally known as a Mahati Ploymer Corporation and Nand Sales Corporation, Ahmedabad.

### We provide following Certification:

1. US FDA DMF 034277, US FDA DMF 034278, US FDA DMF 034279
2. D&B D-U-N-S Number: 67-650-1769
3. MSME Registered
4. RMWA (Gujarat Rubber Manufacturer Welfare Association)
5. AIRIA (All India Rubber Industries Association)
6. IRI (Indian Rubber Institute)

## VISION

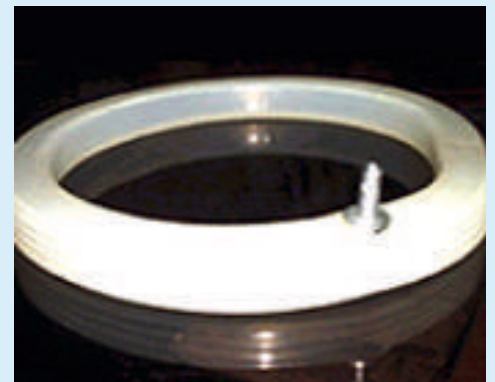
To provide the highest quality product possible through our highly skilled dedicated team and state-of-the-art and manufacturing process by constantly seeking innovation via continuous education, learning and the application of new technologies & best business practices. Making customer oriented approach as centre of focus & build global renowned brand.

## MISSION

Our mission is to operate the business utilizing our core integrity values leading ethical business environment, optimizing cost & serving highest standards quality products. We are willing to make our culture employee friendly by looking at our employees as key success factor and offering them an attractive working environment.

## PRODUCT RANGE

- Silicone Transparent Tubes (Peroxide & Platinum Cured)
- Silicone Transparent Polyester Braided Hoses (Peroxide & Platinum Cured)
- Silicone Transparent SS Wound Braided Hoses (Peroxide & Platinum Cured)
- Silicone Autoclave, Sterilizer, Bung, Lyphilizer Processor Door Gasket/Seal.
- Silicone Inflation Seal/ Gasket for FBD, FBP, FBE, Isolator, Autoclave, Lyphilizer.
- Silicone, EPDM/EPM, VITON®, TEFLON®, Triclover Gaskets, Smart TC Gasket for Validation, Filter Screen Gasket.
- Silicone, VITON® sheets
- Silicone, EPDM/ EPM, VITON®, TEFLON® O Ring.
- Silicone, EPDM/ EPM, VITON® Round/ Sq. Cord & Profile Section.
- Silicone EPDM/EPM, Sponge Profile and Section.
- Silicone, Extruded & Fabricated Door Gasket.
- FEP Encapsulated O-Rings.
- Silicone, EPDM/EPM, VITON®, Butterfly Valve Seat Gasket
- Silicone Vacuum & Powder Transfer Bellows
- Silicone Flush Bottom Valve Diaphragm (Retro Fit to Steridose, Sartorius Pharamlab)
- Silicone Corona Treater Sleeve
- Silicone PRV Diaphragm (For Spirex)
- Pure PTFE (TEFLON®) back by Silicone, EPDM/EPM, VITON® Diaphragm (Screw Type, Pin Type, Push type) (Retro Fit to Saunders, Gemu)
- Silicone Docking Gasket for IBC - IPC
- Silicone Impellers For Pump
- SS Reactor & Glass Lined Reactor Manhole Gasket
- Silicone, TEFLON® with SS Braided Crimped Hose, (with SS TC End, Flange End, SMS End)



## PLATINUM CURED SILICONE TRANSPARENT TUBE/ BRAIDED HOSE



### US FDA DMF 034277

Mtech Platinum Cured Silicone Tubing's are low volatile grade and mfg for specific Pharmaceutical, Biomedical, Healthcare and Food application. Mtech Platinum Cured Tubing's are biologically inert & does not inhibit cell culture and maintain Mechanical, chemical and Electrical Performance, Working Temp Resist up to -50°C to +200°C Mtech Polyester Reinforced Platinum Cured Silicone Hose are Available with SS Triclover, SMS, Flange End Connection with Crimping as per required size and Length available as per require specification with Testing Certificate

## PLATINUM CURED SILICONE TUBE DISTINGUISHED FEATURES

### US FDA DMF 034277

- ALL Mtech Silicone Platinum Cured Silicone Tubes has high degree of Flexibility and resiliency to permit easy and rapid connection.
- Material Confirm to USP Class VI requirements of Biological tests & FDA 21 CFR 177.2600 Leachable and Extraction Test For Repeated Uses.
- Meets or exceed European Pharmacopoeia requirement 3.1.9 for silicone.
- Suitable for Peristaltic Pump Application.
- Material Resist Moisture Weathering, Oxidation, Ozone Radiation and Chemical Attack.
- Meets to ISO 10993 Biocompatibility Test which Includes Cyto Toxicity, Hemo Compatibility, Irritation, Ames and Sensitization Test.
- Sterilizations by Gamma, Autoclave, Ethylene Oxide etc.
- Mtech Silicone Tubing Very Stringent Dimension Consistency.
- Extractable and Leachable Third party test data available on Request.
- Certificate of Material Conformity, Laboratory Certificate, TSE/BSE Free Certificate and Food Grade Certificate Available.



## SILICONE INFLATABLE SEAL



### US FDA DMF 034277

Mtech Silicone Inflatable Seals are Very efficient and High end Technical Product for Pharmaceutical, Formulation, API, Food Processing and Bulk Drug Mfg. Process equipment stringent sealing requirement for Fluid Bed Dryer, Fluid Bed Processor, Fluid Bed Coater, Lyophilizer, Autoclave, Isolator, and Glove Box etc... for Lower Plenum Seal, Upper Plenum S&F Housing Seal, Finger Bag Seal or Filter Bag Seal, Door Seal, Leak Test Seal, Door and Valve Seal, Air Shaft Seal etc... Mtech Silicone Fabricated Inflatable Seal made from Technical Grade Silicone High performance Green Strength Elastomer for Higher Inflation and Mechanical

properties for long lasting service and avoid unexpected Breakdown Mtech Silicone Inflatable Seal offer a wide Manufacturing Ranges Retrofit to all known international OEM like PamGlatt, ACG, GEA, Huttlin, Fedegari, Kevin, SSPM, Alliance, Solace, Bectochem, with Technical support and Service for Design Development.



## SILICONE EXTRUDED PROFILE AND SECTION FOR DOOR SEALING

### US FDA DMF 034277



Mtech Silicone Offer a wide range of Extruded Profile and Section for Pharmaceutical, Food and Beverages, Cosmetics, Textile, Chemical, Petrochemical Process Equipments Door Sealing Solution with Wide range over 750+ Different shapes, Size and Color Consistency with Mtech Silicone Quality Assurance Certificate, Mtech Silicone Autoclave or Sterilizer Endless door Gasket/Seal offer a Wide Manufacturing range Retrofit to all known International OEM likes SBM, Shinva, Gettinge, Fedegari, Pharmalab, Manchinfabrik with Technical Support and Services for Design Development Mtech.

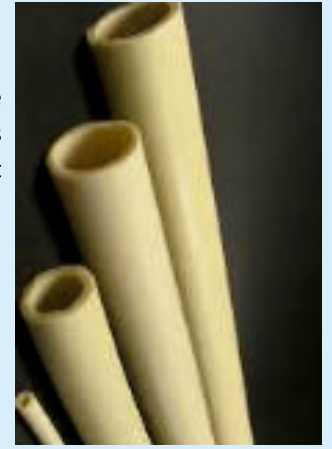
Silicone all Extruded Profiles and Sections Made from Pure Silicone Elastomer Products are Fully Autoclavable Ranges available in all Shapes and Geometry like Square, Rectangle, Round, Hollow and Profile Section like P Type, E Type, V Type, I Type, D Type, T Type, F Type, Sq.Hollow, Rect. Hollow etc...

We supply Gasket as Per Drawing, Specification or Sample as per your requirement..

## M-prene® (THERMOPLASTIC ELASTOMER) TUBE

US FDA DMF 034279

Mprene Tubes are Specially Manufactured from Virgin TPE Elastomer for High Burst Pressure Resistive Peristaltic Pump Tube and it is used for High Chemical Resistance with High Mechanical Properties Make Long Lasting life for Pharmaceutical and Food Application Its reduce maintenance Cost & Cost of replacement due to Its Very Long Service Cycle.



## M-prene® (THERMOPLASTIC ELASTOMER) TUBE FEATURE

US FDA DMF 034279

Material complies to FDA 21 CFR 177.2600 For Pharmaceutical Food Grade Tests.

Excellent resistance to most of the chemical.

Suitable for Peristaltic Pump Application.

Sterilizations by Gamma, Autoclave, Ethylene Oxide, etc....

## SILICONE MOULDED SEALING PRODUCTS

US FDA DMF 034278



Mtech Silicone offer a wide range of Moulded Products for Pharmaceutical, Food and Beverages, Cosmetics, Textile, Chemical, Petrochemical Plant and Process Equipments Moulded Gasket Sealing Solution with wide Range over **3250+** Different Shape, Size and Color for Tablet, Capsule, Sterile Injectable (LVP/SVP), Oral, Ointment, Vaccine, Bulk Drug, API, R&D etc.. Pharmaceutical Plant Process, Filling Equipments Sealing Gasket Dimension and Material Quality Consistency with Mtech Silicone Quality Assurance Certificate.

Mtech Silicone Moulded Rubber Products for Sterile and Non Sterile Application like Triclover Gasket, Smart TC Gasket, Filter Screen TC Gasket, Flush Bottom Diaphragm, Butterfly valve seat, O Ring, Flat Ring, PFS Gasket. PRV Diaphragm, Bellow (Tablet Compression m/c and Powder Transfer), Docking Gasket, Cork, Hopper Gasket, Sparkler Filter Gasket, Vacuum Suction Cup, Tablet Punch Cap (B,D Type) Pig Pump Impeller, Rubber Roller, Diaphragm. Mtech Silicone Moulded Gasket / Seal Offer a Wide Manufacturing Range Retrofit to All known international OEM likes Plumart, Romolac. Huttlin, GEA, ACG, SBM, Seajong, Shinva, Spirex, Steridos, Sartorius, Saunders, Gemu, D Parikh, NimaSubodh, Matic, Gettinge, Cadmech, Kevin, Fedegari, Pharnalab, Machinfabrik, Bectocem etc... With Technical Support and service For Product Design Development.



## EPDM DIAPHRAGM

US FDA DMF 034278

Mtech offer High Performance Pure PTFE (TEFLON)® Backed By Silicone, EPDM/EPM, VITON® Diaphragm With Nylon Reinforce and Fitting Option Push Type, Screw Type and Pin Type Mtech Diaphragm For Sterile / Non Sterile, DM, WFI, Water, Steam Application Diaphragm, Dosing Pump Diaphragm Retrofit to Saunder, Gemu, Burkert, Leistung Diaphragm.



## SILICONE RUBBER SHEET

US FDA DMF 034278

Mtech Offer High Quality Moulded Silicone, VITON®, EPDM/ EPM, TEFLON® (PTFE) Sheet. Material Confirm to FDA 21 CFR 177.2600 for Food Grade. These Sheets are Process in high Pressure Hydraulic Pressure and Temperature Moulding ensures Uniform Physical Properties of the Sheet with Wide Color Range White, Red, Translucent & Transparent with Different Thickness and Size.



Mfg. of Extruded & Moulded Synthetic Rubber & Engineering Fluorinated Plastic Products

### SHAH SEALTECH PRIVATE LIMITED

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📍 **Reg. Office** : 212, Karma Ind. Estate, 5501/1, Phase-III, G.I.D.C., Trikamapura Cross Road, Vatva, Ahmedabad-380 045.

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