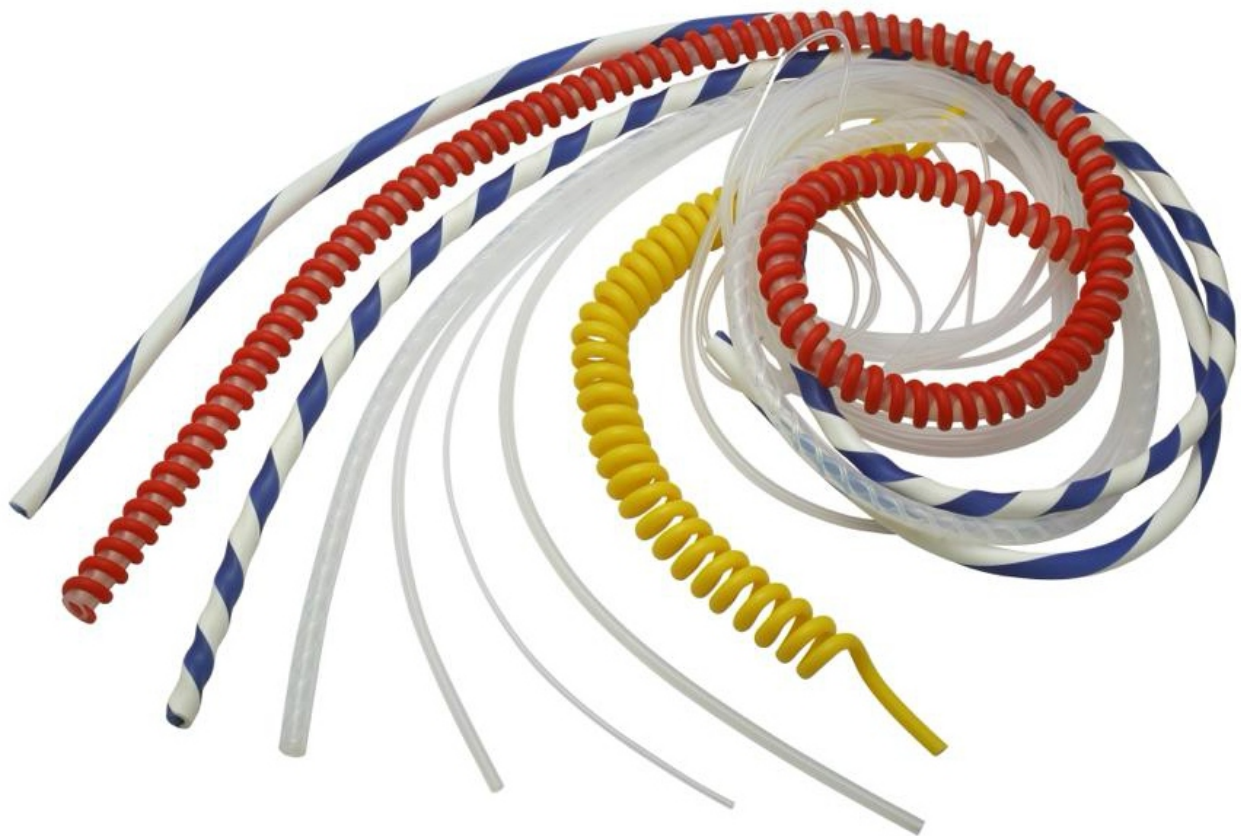
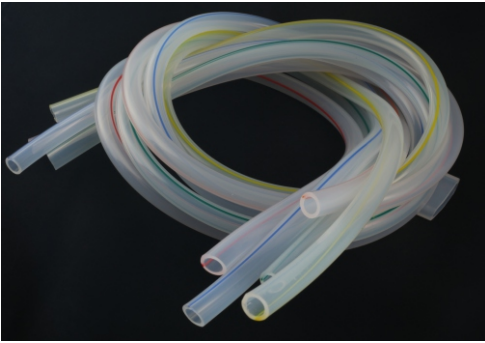


# MASTERS OF PREMIUM RANGE SILICONE PRODUCTS





Since 1975 **SEVITSIL** is one of the India's oldest & leading Silicone & FKM products manufacturers meeting up with diversified needs of customer with wide range of products. A few to name has put us on the verge of innovation & customization, leading to high customer satisfaction. Astoundingly our world class range of "extrusions" vary from 0.15 mm id to 350 mm id, providing the end user a number of variety to choose with. The application of Silicone & FKM in endless products have pushed Sevitsil to various industries.



Pick any industry and our extruded & molded products are here to serve the market. Right from medical, pharmaceutical, scientific, laboratories, healthcare, automobiles, dairy, food & beverage, packaging, textile, plastic, thermal, electrical, electronics, handicraft and the industries goes on.

Our never ending efforts to serve various industries has now uplifted us to export to various countries in world.

## OUR PRODUCT RANGE

### TUBINGS

- SiliTrans Silicone tube for pharmaceutical
- SiliPure Silicone multi lumen tube for medical application
- Silicone sleeve for insulation
- Silicone sleeve for corona treater application
- Silicone braided hoses
- Fiberglass coated silicone sleeve & hoses.
- FKM (viton) tube

### SILICONE GASKETS

- FBD gaskets (inflatable seals)
- Silicone led gaskets
- Silicone blister gasket
- Silicone Rubber Solar Products
- Silicone autoclave gasket
- T.C gasket / sms / union gasket
- Biological indicator gasket
- Food container gaskets
- Flange gaskets

### SILICONE COLOUR CHANGING PRODUCTS

### SOAP MOULD SILICONE PRODUCTS

### LABORATORY SILICONE PRODUCTS

### HOUSEHOLD SILICONE PRODUCTS

### SILICONE CABLES & CONNECTORS

### OUR ORTHOPEDIC SOLUTIONS

### SILICONE VIAL STOPPER

### SHEETS (SILICONE / FKM)

### SILICONE DIAPHRAGM

### O RINGS

### SILICONE BELLOWS

### BESPOKE SILICONE PRODUCTS

### Girgitsil (Color Changing Silicone Products)

Our Products are also available in Anti-static, Conductive Silicone Grades & metal detectable on request.

## Platinum Cured Tubing For Medical Industry

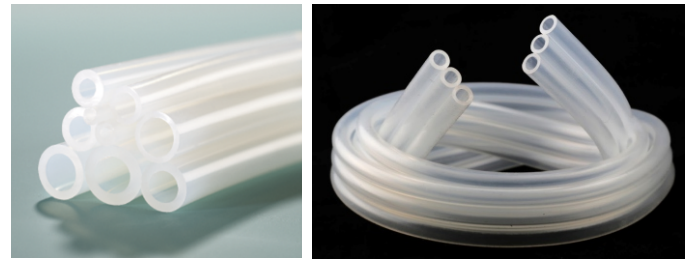
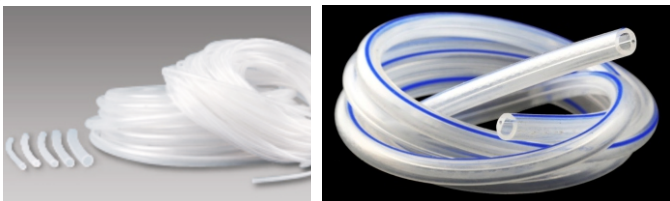
SEVITSIL's Platinum Cured Silicone Tubings are low volatile grade and produced in clean room for critical pharmaceutical, bio medical, cosmetic and food application. These silicone tubings are biologically inert and do not inhibit cell culture. It stays flexible down to  $-60^{\circ}\text{C}$  and maintains its chemical, mechanical and electrical performance up to  $+220^{\circ}\text{C}$ . SEVITSIL'S tubings have undergone extensive physical, chemical & biological tests.

### FEATURES

- Manufactured from FDA approved SILICONE RUBBER in Clean Room Environment.
- Non toxic, Non Leaching & Pyrogen free.
- Withstand repeated Sterilization.
- Compatible with common drug formulation
- Biological Neutral
- Resist Oxidation, Ozone & radiation.
- Does not support bacterial growth.
- Non-reactive to body tissue and fluid.
- Non-adherence tissue.
- Retains Physical properties in extreme.

### TYPES OF TUBING

- Single Lumen
- Multi Lumen
- Colour Coded
- Radio Opaque
- Drainage Tube
- Catheter Tubing



### APPLICATION

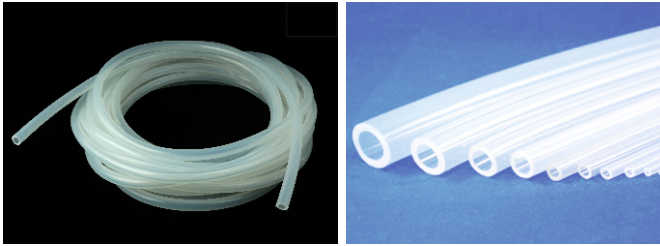
- Transfer of Sterile Liquids.
- Blood Transfusion.
- I.V. Administration.
- Percutaneous flow guided cardiac catheterization.
- Prolonged dialysis & drainage of the peritoneal cavity.
- Suction Drainage.
- As gasket for autoclave & ovens.
- With food & dairy equipments.
- Animal husbandry Infertility Clinic for Embryo transfer.
- As insulator in electronic & Electric equipments.
- Bio Technology , Agricultural & Research Laboratories.

### SPECIFICATION

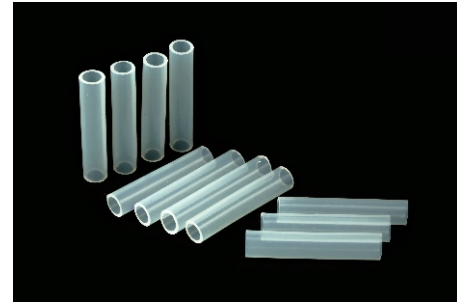
- Appearance Transparent to Translucent.
- Shore A Hardness : 60.
- Density: 1.2
- Temperature:  $-60^{\circ}\text{C}$  to  $+220^{\circ}\text{C}$ .
- Elongation at break 500%
- Tensile Strength: 11.0Mpa
- Range = 0.15mm ID to 350mm ID

Conforms to USP class VI & ISO 10993 for requirement of Biological studies & FDA 21 CFR 177.2600 For FOOD GRADE compliance.

## Silicone Tubing for Fluid Transfer & Pharmaceutical



This SiliTrans platinum-cured silicone tubing is specially developed by us for use in peristaltic pump applications. With its superior flex life characteristics, manufacturing processes can be simplified by reducing potential production downtime due to pump tubing failure. The smooth inner surface of this silicone tubing is designed to help reduce the risk of particle entrapment and microscopic build-up during sensitive fluid transfer. This smooth fluid path also can help to facilitate the complete sanitation of a fluid transfer system. Even in extended use applications, SiliPump silicone tubing may help to prevent residue build-up, aiding in more efficient cleaning and sterilization processes.



### APPLICATION

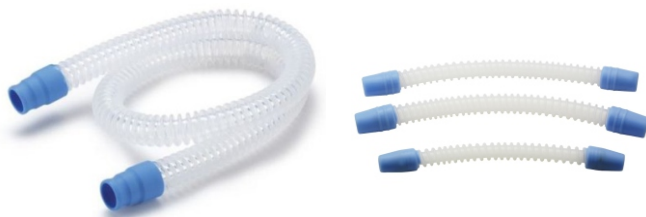
- Transfer of Sterile Liquids.
- Peristaltic Pumps
- With food & dairy equipments.
- Animal husbandry Infertility Clinic for Embryo transfer.
- As insulator in electronic & Electric equipments.
- Bio Technology , Agricultural & Research Laboratories.

### DMF NUMBER

035124

Conforms to USP class VI requirement of biological test & FDA 21 CFR 177.2600 for food grade test

## SILICONE BREATHING HOSE



### APPLICATIONS

- Keep the airway open in order to give oxygen, medicine, or anesthesia.
- Breathing support therapy
- Ventilator circuit tubing can be divided into adult use, child use and reinforcement.
- Anesthetic apparatus
- Respiration systems
- Bi-level and CPAP therapy – for sleep apnoea, aerosol therapy

### FEATURES

- Manufactured by latest extrusion technology in Clean Room Class 10000.
- Corrugated finish based breathing tubes that find application in connecting different components used for administering artificial oxygen to patients.
- Designed for allowing smooth flow of gasses and also ensuring un-hindered breathing.
- Very high resistance to cleaning chemicals and microbes.
- Reusability, our certified products can be reprocessed up to no. of times. Long shelf life.

### Standard Size

	Size	Bore Diameter
Neonatal	SSBH # 10 MM	8 MM
Pediatric	SSBH # 15 MM	12 MM
Adult	SSBH # 22 MM	18 MM

SEVITSIL SOS has been designed to provide reliable insulation and protection on bare overhead line systems preventing electrical outages caused by accidental contact from trees, animals and other objects. Outages may also occur in windy conditions between power lines and when these lines are close to steel structures.



#### APPLICATION

- Protection of Birds and wildlife against electrocution & outage prevention.
- Covering wire
- Safety purpose at construction site (near power lines).
- Tree-pruning-frdd purpose (sheathed and/or bare line).
- Performance motors and vehicles

#### FEATURES

- Made of silicone rubber
- Suitable for voltage upto 220 KV
- Excellent UV resistance
- Excellent Ozone Resistance
- No special tools required in installation
- Good in cold weather installation
- Excellent UV and abrasion resistance properties resulting in outstanding resistance to weathering (harsh environments)

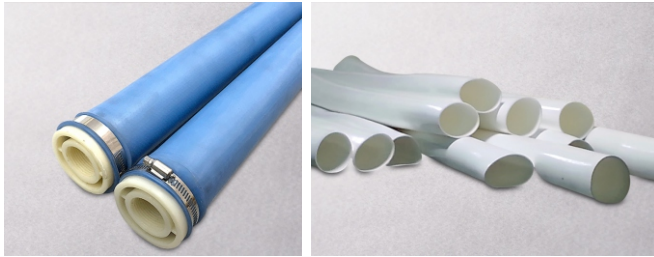
#### Voltage Rating / Wall Thickness

Voltage	≤11KV	≤33KV	≤110KV	≤220KV
Thickness	2.3±0.3	2.7±0.4	4.0±0.5	<b>6.0±1.0</b>

#### SEVITSIL OVERHEAD SLEEVE SELECTION CHART VOLTAGE RATING VS THICKNESS OF LJ STRANDED WIRES C/S AREA(NOMINAL)

Voltage	≤11KV	≤33KV	≤110KV	≤220KV
Dia/Thickness	2.3±0.3 mm	2.7±0.4 mm	4±0.5 mm	6±1.0 mm
φ 12	50/75	50/75	–	–
φ 15.6	80	–	–	--
φ 17	95/120	95/120	95/120	--
φ 20	150/185	150/185	150/185	150/185
φ 24	210/2400/300	210/2400/300	210/2400/300	210/2400/300
φ 30	400	400	400	400
φ 32	–	500	500	500
φ 35	–	630	630	630
φ 39.8	–	800	–	–

## Silicone Tubular Diffuser Sleeve



DiffuSil Sleeves are high quality silicone membranes suitable for intermittent operations. The membrane developed for industrial waste water treatment plants. Silicone membranes are free of plasticizers and guarantees excellent chemical resistance to biochemical substance in municipal and industrial waste water.

Our Silicon Membranes are suitable for application where fouling and chemical oxidation due to solvent exposure, High temperatures occur and specific chemical compatibilities are required. Outperforming others in durability and elasticity making it a very sought-after product

### APPLICATIONS

- Waste Water treatment
- Sewage Treatment Aeration
- Drinking water aeration



### Size Available

We offer membrane sleeves for 63 MM, 90 MM & 115 MM roller.  
Membrane Sleeves are Available in four variants.

## CORONA TREATER SLEEVE



### SPECIFICATION

- Appearance Transparent to Translucent.
- Hardness : 60-70 Shore A.
- Density: – 1.2
- Temperature: –60° to +220° C.
- Elongation at break 500%
- Tensile Strength:- 11.0Mp
- Dielectric strength 25 kv / watt

### Standard Size

Roller Dia.	ID	OD	Roller Dia.	ID	OD
2"	48mm	54mm	5"	124mm	132mm
3"	72mm	78mm	6"	150mm	156mm
4"	98mm	104mm	8"	195mm	201mm

### FEATURES

- Good Electrically Insulation.
- Ozone Corona discharge resistance.
- Suitable for continuous operation at 180° C & can be operated at higher temperature without loss of any mechanical & dielectric properties.
- Resilient & flexible for case of Insulation on to treatment roll.
- Long Life.
- Due to sleeve treat can be operated with much smaller air gap.
- Require much lower web tension.
- Do not break or crack under unusual web tension
- Size available from 2" ID to 8" ID & wall thickness 2.00mm to 5.00mm (±0.2mm)
- Normally available from stock in opaque color.
- Special size & color available on request.
- We can provide continuous length of 10 meters in any of above size.

# SILICONE RUBBER BRAIDED HOSE



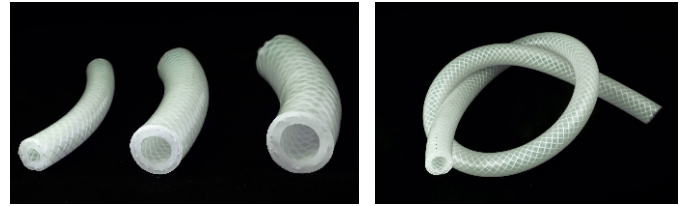
Standard construction of hose has a 70 ShA Natural Translucent Silicone Rubber inner hose, a braided polyester multi filament yarn reinforcement and 60 ShA Natural Translucent Silicone Rubber top coating.

## DMF NUMBER

035123

## FEATURES

- Manufactured from FDA approved SILICONE RUBBER in Clean Room Environment.
- Non toxic or physiological effects.
- Chemically extremely stable and for use with many acids & alkalis.
- Ozone, UV & Corona discharge Resistance.
- Dose not support bacterial growth.
- Non-reactive to body tissue and fluid.
- Non-adherence tissue.
- Sterilized by steam, dry heat, ethylene oxide & gamma radiation.



## SPECIFICATION

- Appearance Natural Translucent.
- Shore A Hardness : 70.
- Temperature:- -60°C to +220°C.
- Range = 6mm ID to 60mm ID.

## APPLICATION

- Coolant Hose for Industrial Machinery & Equipments.
- Pipes & connecting hose for Food & Beverages processing.
- Medical Equipments.
- Chemical & Adhesive filling systems.

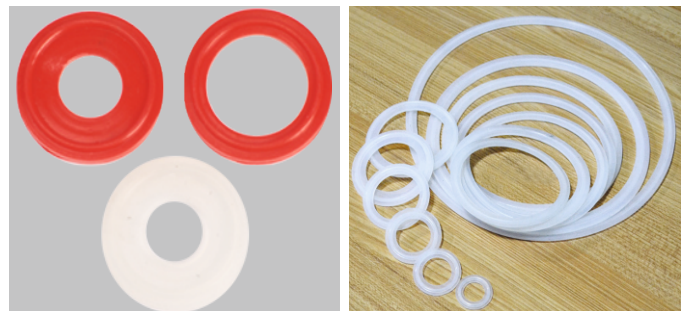
### Size Available

2mm ID x 8mm OD	6mm ID x 12.5mm OD	9mm ID x 16mm OD	12mm ID x 20mm OD	25mm ID x 35mm OD
3mm ID x 9mm OD	6mm ID x 14mm OD	10mm ID x 18mm OD	16mm ID x 25mm OD	25mm ID x 34mm OD
6mm ID x 12mm OD	8mm ID x 15mm OD	12mm ID x 19mm OD	19mm ID x 28mm OD	37mm ID x 47mm OD

# SiliClamp TRI Clover Gasket



- Manufactured from FDA approved SILICONE RUBBER.
- Shore Hardness 70 +/- 5 or as per customer requirement.
- Silicone Tri Clamp Gaskets are available with collar for better grip and also without collar.
- Available in Red, White & Transparent Colour.



## DMF NUMBER

035124

### Size Available

1/2"	3/4"	1"	1.5"	2"	2.5"	3"	5"
5.5"	6"	6.5"	7"	7.5"	8"	8.5"	

Also available as per client requirement

## SILICONE SOLID & SPONGE PROFILES



- Low flammability and low smoke.
- As per BS 2848 Type 5
- Do not break or creak under tension.
- Range : In any colors From 0.2mm ID to any size as per customer requirement.

### FEATURES

- Suitable for continuous Operation.
- Temp : -60° C to +220° C.
- No harmful toxic or physiological effects.
- Chemically extremely stable and for use with many acids & alkalis.
- Resistance to Ozone, Oxidation, UV. Corona discharge, cosmic radiation.
- Electrically insulating with dielectric strength 500 V/mil.
- Special grade product to withstand Temp upto 300° C.

### APPLICATION

- Flexible electrical insulation sleeving and cable harnessing.
- Tubing for home appliances & commercial appliances, beverage & vending machines.
- High & low temperature tube for industrial machinery & equipments.
- Corona Treater Machine.
- BOPP film plants.
- Medical & laboratory tubing.
- Extruded dealing profile for high & low temperature application

## SILICONE SOLID & SPONGE, SQUARE, CORDS & STRIPS



SEVITSIL offers wide range of Solid gaskets in different colours, shapes, sizes & hardness. We manufacture all these gaskets by advance technology curing system which ensure uniformity, dimension parameters & surface finishing.

### APPLICATION

- High temperature sealing applications; can be joined to O rings.
- Food and medical equipment, machinery.

### SIZES

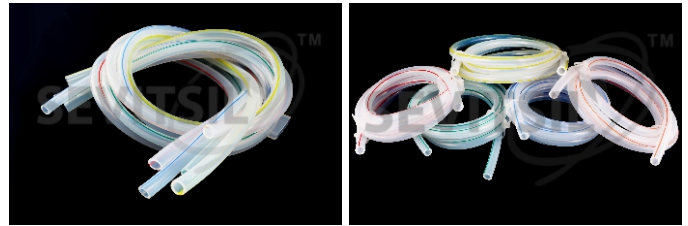
- 1mm Dia to 50 mm Dia.





## SILICONE COLOR CODED TUBE

Silicone Color Coded Tube is ideal for multiple color lines which provides quick and easy line identification. Color coded tubes are Food Grade and used for identification of Fluid Transfer.



## FLUROSILICONE TUBE & GASKET

Fluorosilicone rubber is a variation of silicone featuring stability, compression set resistance to temperature extremes, and enhanced resistances to non-polar solvents, fuels, oils, acids, and alkaline chemicals. This material is common in many industrial, automotive, and aerospace applications where static sealing and cushioning is required.

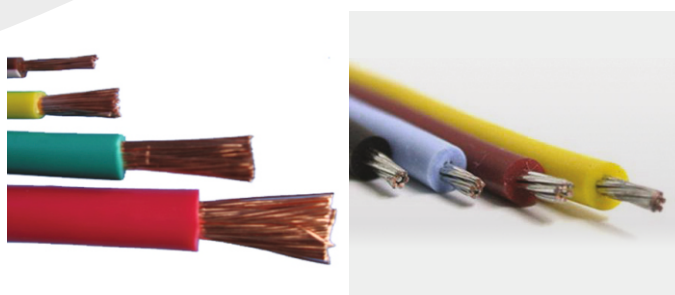


## FUEL TUBE

Our silicone fuel tubing is specifically designed for use on radio-controlled cars. It offers excellent resistance to methanol as well as nitro fuels.



## SiliCab Silicone Cable



### APPLICATION

- Lighting Equipments.
- Home Appliances.
- Transformer & other electrical equipments.

### FEATURES

- High Heat Resistance.
- Temp: -60° C to +220° C.
- No harmful toxic or physiological effects.
- Chemically extremely stable and for use with many acids & alkalis.
- Resistance to Ozone, Oxidation, UV, Corona discharge, cosmic radiation.
- Electrically insulating with dielectric strength 500 V/mil.
- Low flammability and low smoke.
- Range: Available in single core, double core on copper conductor.

## SILICONE FBD & INFLATABLE GASKET



FBD Inflatable Gaskets functions like a cycle tube. When inflated it seals the bowl and ensures proper sealing. It is being made up from Silicone Transparent Rubber. These gaskets inflated by 6-10 mm when 4 kg pressure is applied in Silicone Rubber. We also make FBD Gasket in White Food Grade Neoprene Rubber as per customers requirement. Manufactured in ISO 9001 quality assured plants.

### SPECIFICATION

- It provides a Leak Proof closure, yet allows clearance when needed.
- It simplifies the design of the structure & hardware.
- It minimizes the need of close matching and fabricating tolerance.
- It is not subject to compression set which negates effectiveness of other seals.
- Our inflatable seal has very good inflation and deflation property on joint & nozzle.
- Size of the seal is very accurate with tolerance of  $\pm 5\%$  & can withstand 4 kg/cm<sup>2</sup> pressure.
- Our inflatable seals is uniform, so there is very less chance of bursting at recommended pressure.
- Leak proof property at joint & nozzle

### APPLICATION

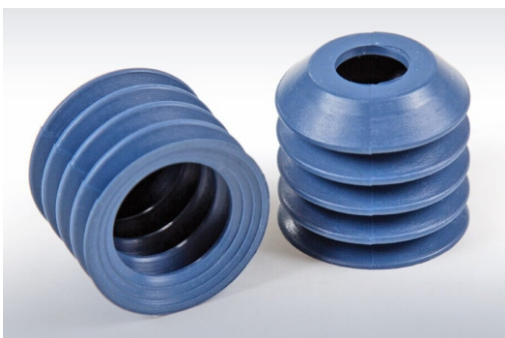
Used for sealing, these gaskets are mostly used in application where contamination is not acceptable. Following are some of the applications of Inflatable Gasket.

- Oven Dorr seals
- Fluid bed dryer
- Sterilizer
- Fluid bed processor
- Autoclave Machine.
- Powder & Bulk solid handling machineries.
- Processing Equipments.
- Nuclear Door Seals.
- Industrial Washing & Extractor Machine.
- Airlock Door Seal.
- Pool gate seal.
- Dry well head seals.
- Food Processing Equipment.
- Medical Sterilizers & etc.

### OPERATION

The inflatable seals are manufactured in relaxed or deflated form similar to cycle tube. The flat tube is accommodated between the surface and then deflated to provide perfect sealing. We offer our customers inflatable seals with complete assembly.

## SILICONE METAL DETECTABLE



Metal Detectable Silicone is used in conjunction with detection equipment to identify any possible contamination. These products are designed to work with Inline X-Ray detection, metal detection, and magnetic separator equipment for immediate contamination alert. This makes it the perfect solution for detecting eroding particles from deteriorating seals and any other components where an elastomer is used in the process line.

## SILICONE CONDUCTIVE GASKET

Conductive Silicone profile is a molded silicone elastomer filled with conductive inert particles. It provides high electrical conductivity, broadband shielding and moisture sealing.



## SILICONE ANTISTATIC TUBE

Silicone Antistatic Tube is a term used to describe material that prevent the build-up of static electricity. Antistatic silicone tubing is developed at  $10^7$  to  $10^9 \Omega\text{-cm}$  for smooth transfer of flammable fluid.



## SILICONE FLAME RATARDANT TUBE & GASKET

Sevitsil offers UL94 V-0 & UL94 HB approved silicone sleeve, this sleeve are manufactured with taking caring of your requirement. We have offer high temperature resistance up to 300 °C for 72 hours continuous. This are specialty products and we love doing such jobs.



## SILICONE MOULDED PRODUCTS

Manufacture various type of molded parts like

- "O" Ring.
- Oil Seal.
- Tri Clover Gasket.
- Rubber Mats & Pads.
- Washers, Bush.
- Endless Gasket.

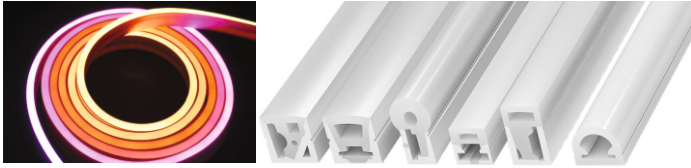


### FEATURES

- Suitable for continuous Operation.
- Temp:  $-60^{\circ}\text{C}$  to  $220^{\circ}\text{C}$ .
- No harmful toxic or physiological effects.
- Chemically extremely stable and for use with many acids & alkalis.
- Resistance to Ozone, Oxidation, UV. Corona discharge, cosmic radiation.
- Electrically insulating with dielectric strength 500 V/mil.
- Low flammability and low smoke.
- Range : In any colours From 1mm to any size as per customer requirement.

### APPLICATION

- High temperature sealing applications.
- Food and medical equipment, machinery.



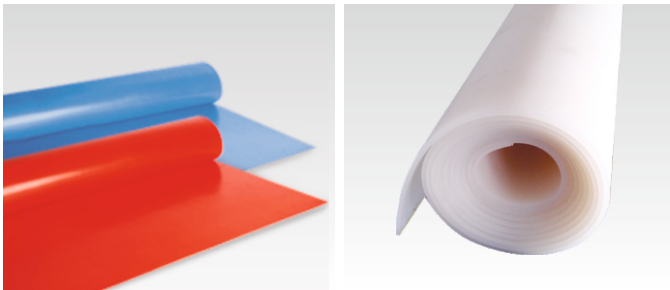
**FLEXIBLE SILICONE LED PROFILE**

- Multiple Designs & Colours Available
- Customization Possible
- Waterproof
- Flexible so can be easily bend
- For both Interior and Exterior use
- Easy to Install
- Low cost in comparison to Aluminium Profile
- 100% Manufactured in India

**FEATURES**

- Smooth skin - Better sealing performance
- Low smoke / Toxicity grades
- Closed cell sponge - Low water and dust ingress
- Low compression set and deflection
- Excellent tear resistance
- Light weight
- Flexible - Easily applied
- Vibration dampening
- Extreme temperature range : -60° C to 220° C
- Weater resistant - UV, Ozone, Frost, Rain - Ideal for outdoor LED
- Applications
- Low Out- gassing

**SILICONE RUBBER SHEETS**



**FEATURES**

- Suitable for continuous Operation.
- Temp : -60° C to +220° C.
- No harmful toxic or physiological effects.
- Chemically extremely stable and for use with many acids & alkalis.

- Resistance to Ozone, Oxidation, UV. Corona discharge, cosmic radiation.
- Electrically insulating with dielectric strength 500 V/mil.
- Low flammability and low smoke.
- Range : In any colors From 1mm to any size as per customer requirement. Also available in 1200mm Width x 20 Mtr Long Roll

**APPLICATION**

- High temperature sealing applications.
- Food and medical equipment, machinery.

Size (Thickness)		Size (Thickness)	
1mtr x 2mtr x 1.0mm	1mtr x 2mtr x 6.5mm	1feet x 1feet x 1.0mm	1feet x 1feet x 5.0mm
1mtr x 2mtr x 1.5mm	1mtr x 2mtr x 8.0mm	1feet x 1feet x 1.5mm	1feet x 1feet x 6.0mm
1mtr x 2mtr x 2.0mm	1mtr x 2mtr x 10.0mm	1feet x 1feet x 2.0mm	1feet x 1feet x 8.0mm
1mtr x 2mtr x 3.0mm	1mtr x 2mtr x 12.0mm	1feet x 1feet x 3.0mm	1feet x 1feet x 10.0mm
1mtr x 2mtr x 4.0mm	1.2mtr x 10mtr x 1mm to 5mm	1feet x 1feet x 4.0mm	1feet x 1feet x 12.0mm
1mtr x 2mtr x 5.0mm	1.5mtr x 10mtr x 2mm		

## MENSTRUAL CUP VALUE

- Easy-to-Use, Easy-to-Switch  
User Centered Design
- Economical, Reusable  
1 Cup  $\approx$  5 Years
- Sustainable  
1 Cup  $\approx$  750 Napkins
- Hygienic  
Medical Grade Silicone
- Rash-free  
Collects the Blood instead of absorbing
- Odor-free  
Placed in Vaginal-canal
- Work-friendly  
Upto 10 hrs. collection of blood per insertion
- Sports-friendly  
Placed in Vaginal-canal
- Privacy  
Instant Clean
- Inclusive  
Available in 3 Sizes



## MEDICAL CERTIFICATIONS

Made in a facility with following certifications:

- Bio Compatibility Report (ISO 10993)
- FDA Certification CFR Title 21 177.2600
- Indian Pharmacopoeia
- European Pharmacopoeia 3.1.9
- US Pharmacopoeia Class VI
- Good produced in Clean Room Class 10000
- EC 1935:2004 Declaration
- RoHS Declaration
- TSE/BSE free Declaration
- Phthalate free Declaration

## GirgitSil

### Colour Changing Silicone Products

"Change the way you look at Silicone with our colour changing products"

Creating the revolution in silicone rubber industry is now our habit we are first and only in India to develop and manufacturer colour changing silicone products that too with different characteristics. Our colour changing products are rohs, food grade and non toxic.

- Temperature sensitive
- UV sensitive



## CannuSil

### Silicone Tube for IV Cannula



Sevitsil's CannuSil are carefully formulated by our group of technologist depending on the application of the tube, with experience of 47 years in extrusion process and R&D, we understand criticality of dimension control and tolerance very well, we can make tube of 0.15 mm inner diameter, which is thinner than small baby's hair.

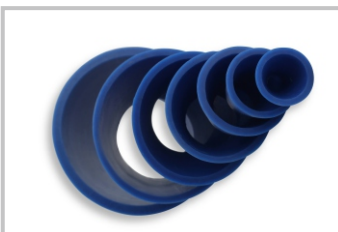
## Silicone Products For Laboratory Application



Silicone Turnover Flange Septa



Silicone Cork



Silicone Crucible Sleeves



Silicone Pipette Bulbs



Silicone Teats



Silicone Flask Stand

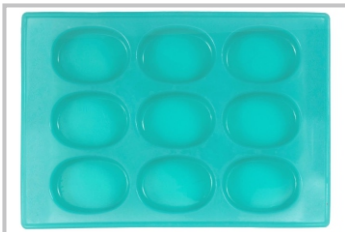
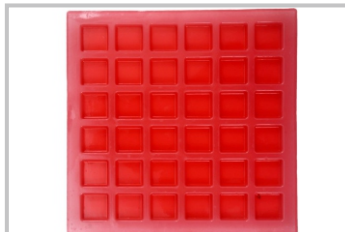
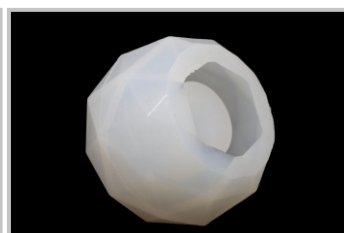


Silicone Hand Protector



Silicone Policemen

## SILICONE SOAP & RESIN MOLDS



## OTHER SILICONE PRODUCTS



Silicone Bellows



Silicone Butterfly Gasket



Silicone Dish Holder



Silicone Surgical Mat



Silicone Mukus Gloves



Silicone Bottom Flask Value



Silicone Washer



Silicone Dish Mat

## CERTIFICATIONS



## INDUSTRIES



Medical



Biotech



Plastic & Packaging



Renewable Energy



Dairy



Automobile



Healthcare



Biosciences & Lifesciences



Nursery



Electrical & Electronics



Food & Beverage



Thermal



Lab & Pharmaceutical



Paper



Water & Irrigation



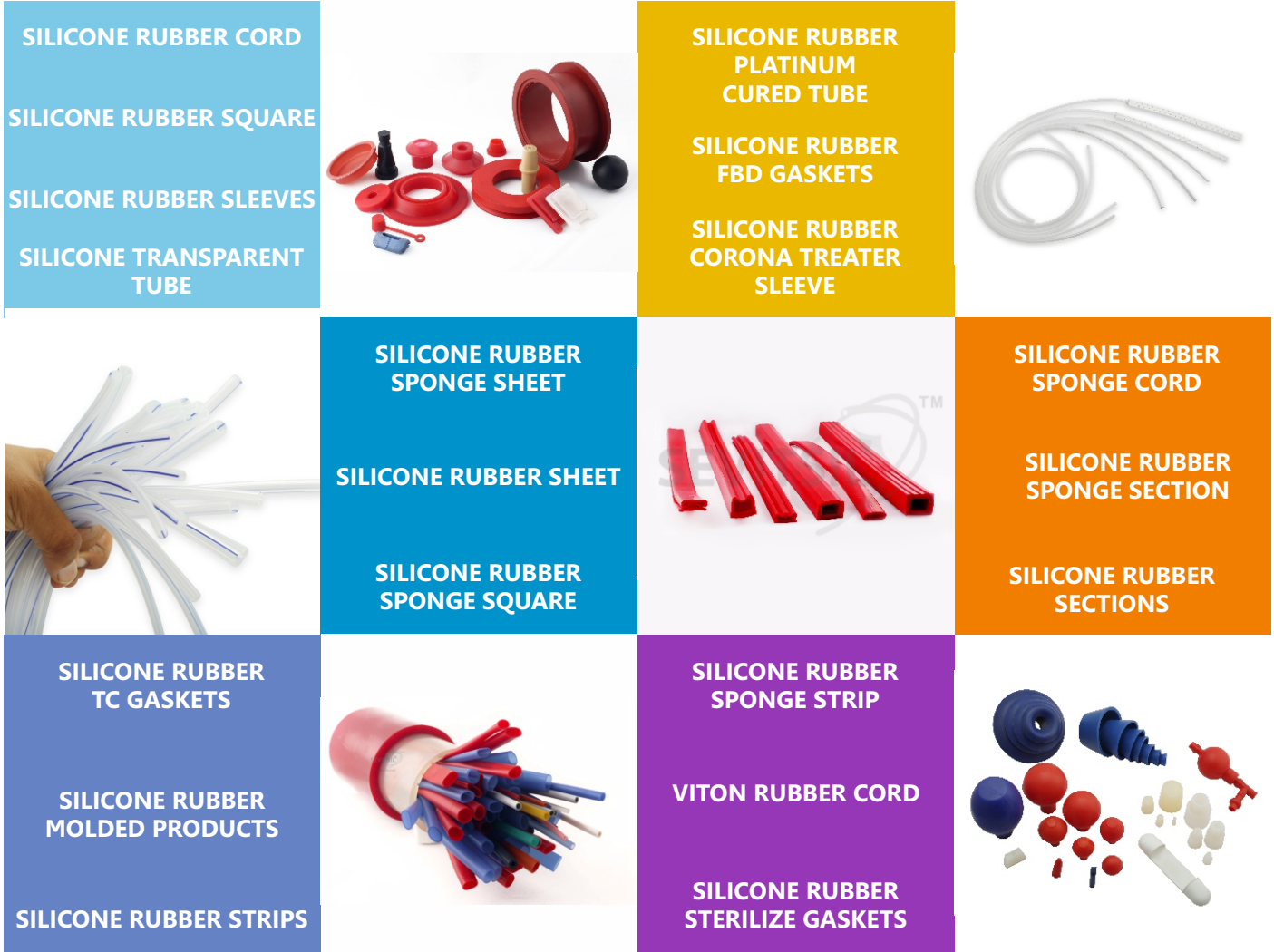
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