



MAXCARE DEVICE

An ISO 9001-2015 Certified Company
USFDA 21 CFR 314.420 Approved
DMF No.030697

**Mfg. of Tubes, Reinforced Hoses,
Packing & Gasket**

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

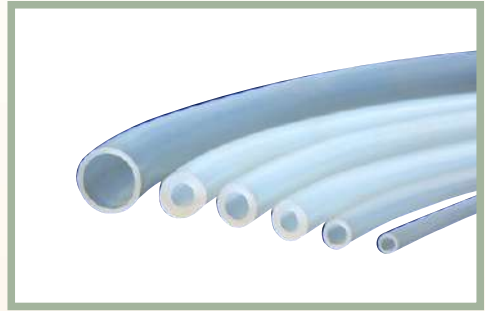
- Silicone Transparent Tubes (peroxide & platinum Cured)
- Silicone Transparent Braided Hose (platinum Cured)
- Silicone Autoclave Gaskets
- Inflatable Gaskets for FBD, FBC, FBP, FBE, etc.
- Tri-Clover Gaskets (Silicone, FKM, EPDM)
- Silicone, FKM & PTFE sheets
- O-Rings (Silicone, FKM, EPDM, Nitrile & Neoprene)
- Silicone Solid Cords (Round & Square Type)
- Silicone Sponge Cords & Gaskets
- Silicone Extruded Door Gaskets
- FEP Encapsulated O-Rings
- Butterfly Valve Gaskets
- Isolator Gaskets
- Lyophilizer Door Gaskets
- FKM Cords & Tubes
- Silicone Vacuum Bellows
- Silicone Bellows
- Rubber Bellows & Expansion Joint
- Silicone Diaphragms for NovAseptic Membrane Valves & Roplan (Steriodose make "Zero Dead-Leg" Valve Sterivalve)
- Silicone sleeve for Corona Treater Application
- Validation Gaskets & Sensor TC "SMART" Gaskets

POLYMER RANGE

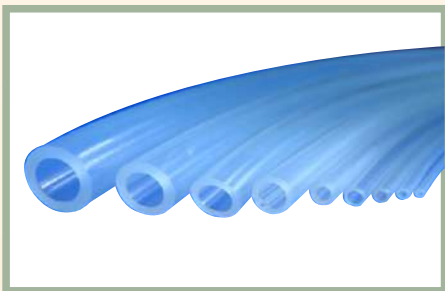
- Platinum Cured Silicone
- Peroxide Cured Silicone
- Silver Filled Silicone
- Fluorosilicone
- Conductive Silicone
- Viton® (FKM)
- EPDM
- Neoprene
- Nitrile
- Hypalon
- Butyl
- Thermoplastic Elastomer
- PTFE

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 peristaltic 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

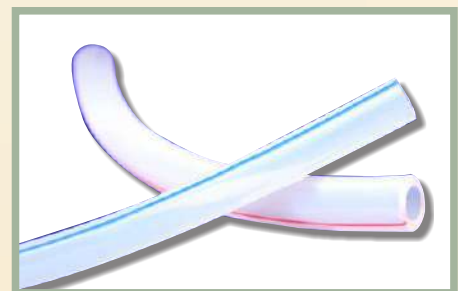


Peroxide Grade Silicone Tubing Is Designed For General, Non Critical Applications. Maxide Is Translucent Silicone Tubing Having Good Flexibility And Resiliency. It Is Suitable For Peristaltic Pump Applications For Non Critical Fluid Transfer. Manufactured By Using Quality Peroxide Grade Silicone Rubber 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.

Silicone bi-color/color coded tube

Silicone color stripe tubing is available with various choices of color striping. wheather you want to recognize your lines at a glance by application, tubing size, or functional area, silicone color stripe tubing gives you the flexibility to create your own system.



KEY FEATURES

- Suitable for color coding purpose to avoid contamination problems
- Available in custom color like red, yellow, violet, pink, etc.
- The color used is food grade
- Color line is located at outside of tube so it does not come in contact with product pass through

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 peristaltic 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)



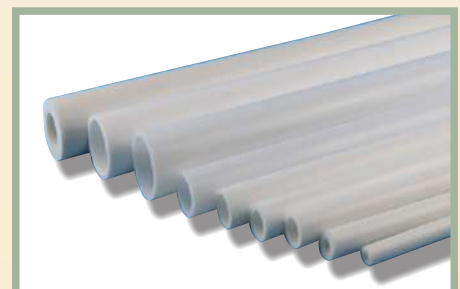
Maxton is Fluoro Elastomer tube popularly known as viton® tubing especially designed for highly corrosive chemicals and solvents used in pharmaceutical industries most Commonly used for high temperature solvent. It can with stand a temperature range of -15°C to +250°C

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



Size in MM (ID x OD)	Size in Inch (ID)	*Max Working Pressure (Bar)	*Min Burst Pressure (Bar)	Min Bend Radius (MM)	Vacuum Rating in MM HG
6 x 13	1/4"	10.0	30	50	NA
9 x 16	11/32"	9.0	27	50	NA
12 x 20	1/2"	7.0	21	80	NA
16 x 24	5/8"	7.0	21	90	NA
19 x 27	3/4"	6.0	18	110	NA
25 x 35	1"	4.0	12	160	NA
32 x 42	1 1/4"	3.0	9	200	NA
37 x 47	1 1/2"	2.5	8	C/P	NA
50 x 62	2"	2.0	6	C/P	NA

* Tested at Standard Temp Condition, CP- Consult Plant

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



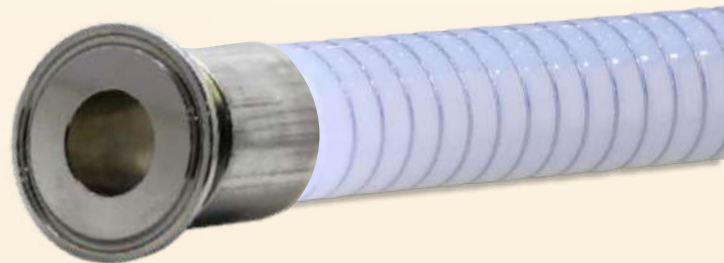
Maxcume is platinum cured silicone hose Reinforced with SS 316L Helical wire. It gives better transparency to visualize flow and kink resistance. Maxcume hose is more superior than compare to Maxnor In high pressure and high vacuum rating applications. It is also used for antistatic application

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



Size in MM (ID x OD)	Size in Inch (ID)	*Max Working Pressure (Bar)	*Min Burst Pressure (Bar)	Min Bend Radius (MM)	Vacuum Rating in MM HG
6 x 13	1/4"	12.0	48	50	760
9 x 16	11/32"	11.5	48	60	760
12 x 20	1/2"	10.5	45	70	760
16 x 24	5/8"	10.0	35	80	760
19 x 27	3/4"	8.5	30	90	760
25 x 35	1"	8.5	30	125	760
32 x 42	1 1/4"	8.0	27.5	140	500
37 x 47	1 1/2"	7.5	25	170	500
50 x 62	2"	6.0	22.5	240	400
64 x 76	2 1/2"	4.0	20	C/P	C/P
75 x 87	3"	3.0	15	C/P	C/P
100 x 112	4"	2.0	10	C/P	C/P

* Tested at Standard Temp Condition, CP- Consult Plant

Platinum Cured Silicone 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 taste 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

Size in MM (ID x OD)	Size in Inch (ID)	*Max Working Pressure (Bar)	*Min Burst Pressure (Bar)	Min Bend Radius (MM)	Vacuum Rating in MM HG
6 x 13	1/4"	12.5	49.0	60	760
9 x 16	11/32"	12.5	49.0	70	760
12 x 20	1/2"	11.5	45.0	70	760
16 x 24	5/8"	11.0	36.0	85	760
19 x 27	3/4"	10.0	34.5	95	760
25 x 35	1"	9.5	34.5	140	760
32 x 42	1 1/4"	8.5	28.0	150	500
37 x 47	1 1/2"	8.0	30	175	500
50 x 62	2"	6.5	25	245	400

* Tested at Standard Temp Condition, CP- Consult Plant

Platinum Cured Silicone Hose Reinforced with 2 to 3 Ply of Polyester Fabric and SS 316 Helical Wire



Platinum cured silicone hose Reinforced with SS 316L Helical wire and 2-3 layers of polyester fabric wrapping. Product have multiple layers of high quality polyester fabric to enhance burst pressure rating. The product is suitable for high pressurized steam transfer application

KEY FEATURES

- Having high pressure rating ensures safe material transfer handling process
- Designed for high vacuum rating applications
- Excellent flexibility and kink resistance
- Imparts no taste 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

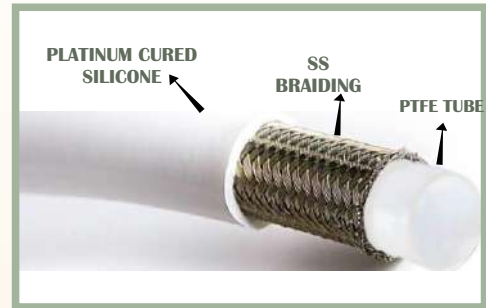
- Pharmaceutical Processing
- Food Processing
- Load Cell Application
- CIP, WFI Transfer Application
- Bulk Powder Transfer
- Fermentations and Bioreactors
- High Pressurized Steam Transfer Application

Size in MM (ID x OD)	Size in Inch (ID)	*Max Working Pressure (Bar)	*Min Burst Pressure (Bar)	Min Bend Radius (MM)	Vacuum Rating in MM HG
6 x 13	1/4"	18.5	38.0	60	760
9 x 16	11/32"	18.0	38.0	70	760
12 x 20	1/2"	16.0	34.0	80	760
16 x 24	5/8"	14.0	34.0	90	760
19 x 27	3/4"	13.0	34.0	100	760
25 x 35	1"	10.5	32.0	120	760
32 x 42	1 1/4"	10.0	32.0	180	500
37 x 47	1 1/2"	9.5	30.0	220	400
50 x 62	2"	8.0	30.0	300	300
64 x 76	2 1/2"	6.5	25.0	C/P	C/P
75 x 87	3"	5.0	20.5	C/P	C/P
100 x 112	4"	5.0	20.5	C/P	C/P
102 x 112	4"	12.0	22.0	C/P	C/P

* Tested at Standard Temp Condition, CP- Consult Plant

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 with stand high pressure along with greater chemical resistance The product is having Ultra smooth bore which enhances superior flow properties and least adhseion to particulates.



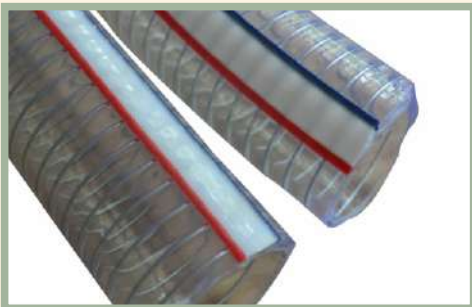
KEY FEATURES

- 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
- High 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

Tri-Clover Fittings

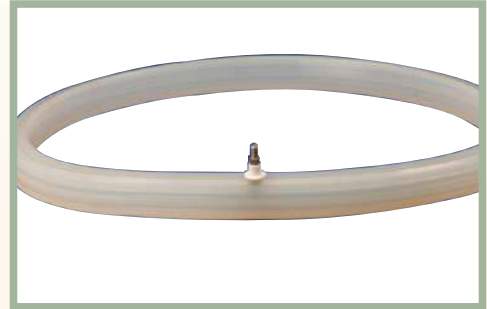
- SS 316L Tri-Clovers designed in latest CNC, VMC machine.
- Available with surface roughness average value ≤ 0.5 at bore.
- Low coefficient of friction prevents particle entrapment.
- Available sizes of T/C clamp.
- Laser printing for lot identification.



SIZE OD	SUITABILITY (SIZE OF HOSES IN INCH)
25 MM	1/2", 3/8"
34 MM	1/2", 3/8", 5/8"
50.5 MM	1/2", 3/8", 5/8", 3/4", 1", 1 1/2"
64 MM	2"
77.5 MM	2 1/2"
91 MM	3"
118 MM	4"

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

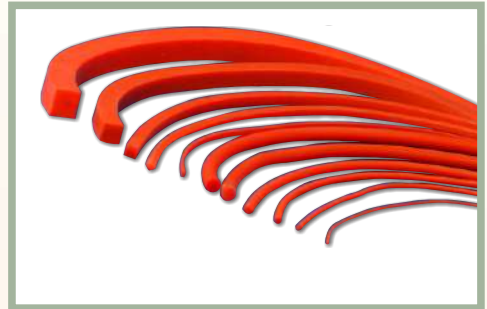
KEY FEATURES

- 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.



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 offer a wide range of silicone door profile gasket in more than 1000 different shapes & sizes. We use special food pharma grade pure silicone rubber for manufacturing door profile gasket, these food pharma grade pure silicone rubber can easily 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 continuous 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

SILICONE AUTOCLAVE GASKETS:

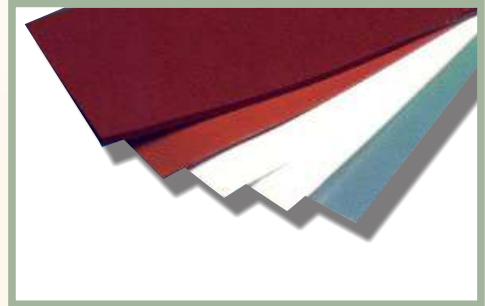


FEATURES

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

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 Sponge Gasket

We also offer a wide range of Silicone Rubber, Sponge, Gasket in more than 1000 different shapes, designs and variant colours 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 continuous 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 is 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

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



SILICONE DIAPHRAGM VALVES

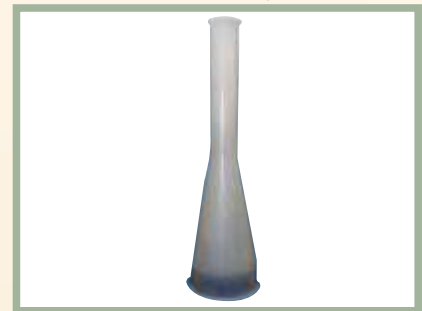
Medical-Grade, platinum-cure Silicone is widely accepted in pharmaceutical & biotech applications and is often used throughout the plant. Like all of our diaphragm materials, our Silicone diaphragms meet USP Class VI and FDA 21 CFR 177.2600 standards



APPLICATION

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

Silicone Bellows- For Powder Transfer System



Silicone Bellows- For Tablet Compression Machine



Silicone Customized Products



T PARTITION GASKET



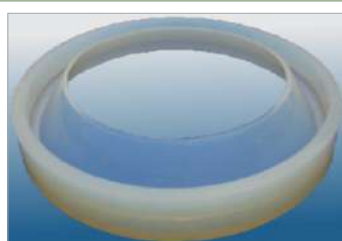
SILICONE MOUTHPIECE



SILICONE DUST CUP



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



SILICONE HOPPER GASKET



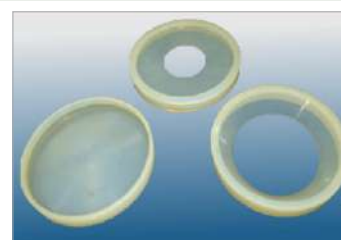
SILICONE DIAPHRAGMS



RUBBER DIAPHRAGMS



PHE GASKET



SILICONE HOPPER GASKET



SILICONE STOPPER



**MEDICAL & SURGICAL
COMPONENTS**



SILICONE SUCKER BELLOW

Few of our PRESTIGIOUS CLIENT





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USFDA 21 CFR 314.420 Approved

DMF No.030697



BRANCHES

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- GOA
- INDORE
- UTTARAKHAND
- VIZAG
- MUMBAI
- BANGALURU
- BADDI
- HYDERABAD
- SIKKIM

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