

Platinum Cured Silicone Tubings	- 186
Silicone Bi-Color Tubings & Thermoplastic Elastomers	- 187
Silicone & Nylon Hoses	- 188
Genefit	- 189
Geneflexie	- 190
Rubber Corks & Stoppers	- 191
Bellows & Gaskets	- 192

***Genetix Offers
Platinum Cured Silicone
Tubes, Braided Hoses &
Inflatable Seals/Gaskets***



PLATINUM CURED SILICONE TRANSPARENT TUBING



Genetix's Platinum Cured Silicone Tubing are low volatile grade and produced in Clean Room for critical pharmaceutical, Biomedical, cosmetic and food application. These Silicone Tubing are biologically inert & does not inhibit cell culture. It stays flexible down to -50°C and maintains its chemical, mechanical & electrical performance upto +200°C. Genetix's Tubing has undergone extensive physical.

General Features of Platinum Cured Silicone Tube

01. USFDA DMF Accreditation No. 26201
02. Conforms to USP Class VI requirement of biological tests & FDA 21 CFR 177.2600 for food grade tests.
03. Meets European Pharmacopoeia requirements given in clause 3.1.9 for silicone.
04. Manufactured & packaged in a Class 7 (Class 10000) ISO- certified Clean Room environment.
05. Suitable for Peristaltic Pump applications.
06. Produced in accordance with ISO 10993 biocompatibility tests which includes systemic toxicity, irritation, sensitization, cytotoxicity, hermo compatibility & ames test.
07. Sterilisable by steam, dry heat, ethylene oxide (ET) and gamma radiation
08. Tubing are manufactured with Laser Measuring gauge for accurate dimension.
09. Laser Marked Permanent Silicone Tubing is available for on-product traceability on request.
10. **"Extractables & Leachables Data available Upon request"**

CERTIFICATES accompanies of Silicone Tubing

- | | |
|-------------------------------|-------------------------------------|
| 01. Certificate of Conformity | 06. TSE/BSE Certificate |
| 02. Laboratory Certificate | 07. German BFRxv Certificate |
| 03. Food Grade Certificate | 08. Certificate of RoHS |
| 04. USP Class VI Certificate | 09. France Arrete du 25 Certificate |
| 05. ISO 10933 Certificate | 10. DFM #26201 from US FDA |

VITON® TUBING

- Compatible with Major Solvent & Chemicals
- Complies to FDA 21 CFR 177.2600
- Size available as per customer requirement
- Suitable for Peristaltic Pump

STANDARD SIZES AVAILABLE

4X8, 6X9, 6X12, 8X12, 12X16, 12X18, 12X20, 16X24 and other sizes
In 10, 25 METERS STANDARD PACK.

STANDARD SIZE AVAILABILITY

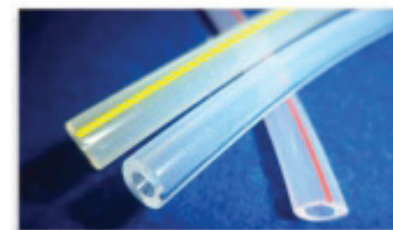
CATALOGUE NO.	ID (in MM)	OD (in MM)	WT (in MM)	Price (Rs.)
GX-901-117-60	3	6	1.5	POR
GX-901-121-60	4	8	2	POR
GX-901-127-60	5	10	2.5	POR
GX-901-130-60	6	9	1.5	5,900
GX-901-131-60	6	10	2	POR
GX-901-132-60	6	11	2.5	POR
GX-901-133-60	6	12	3	POR
GX-901-137-60	7	13	3	POR
GX-901-139-60	8	11	1.5	POR
GX-901-140-60	8	12	2	POR
GX-901-141-60	8	13	2.5	9,625
GX-901-142-60	8	14	3	POR
GX-901-143-60	8	16	4	POR
GX-901-144-60	8	20	6	POR
GX-901-145-60	9	15	3	POR
GX-901-150-60	10	16	3	14,300
GX-901-151-60	12	16	2	POR
GX-901-152-60	12	18	3	POR
GX-901-153-60	12	20	4	POR
GX-901-180-60	16	24	4	POR
GX-901-162-60	20	25	2.5	20,800
GX-901-167-60	25	31	3	POR

***Packing Size available in 10, 25 Meters.**

***Peroxide Cured Silicone Tubing is Available on Request.**

SILICONE BI-COLOR TUBING

Silicone Color Stripe Tubing is available with various choices of color striping. Whether 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. We are the 1st Indian Company to manufacture **Bi-colourTube** for purpose of color coding to avoid CROSS contamination problems while using it in multi products.



General Features

- ➔ Suitable for colour coding purpose.
- ➔ Available in Red, White, Yellow, Blue, Pink, Blue, Violet, Green Colours.
- ➔ Also Available in Various diameters from 3 mm to 50mm.
- ➔ The colour used is food grade.
- ➔ Colour line is located at outside of tube so it does not come in contact with product pass through.
- ➔ Typical hardness: 60-65 Shore A.
- ➔ Add nonstripe and custom colors to create as complex a system as necessary.

Geneprene (THERMOPLASTIC ELASTOMER) TUBES



Geneprene Tubes are specially manufactured from **TPE** for the Peristaltic pump application and it offers a long lasting life, high chemical residence and most suitable for food & pharmaceutical applications. There is no need of changing the tubes due to its long life which will reduce the maintenance costs as well.

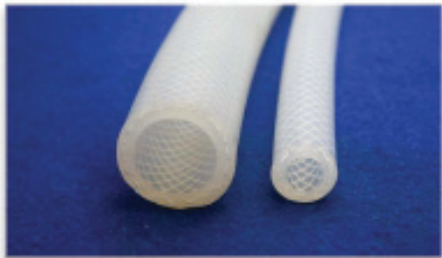
STANDARD SIZES

2X4, 3X6, 4X8, 5X8, 5X9, 5X10, 5X11, 6X9, 6X10, 6X11, 6X12, 8X11, 8X12, 8X14, 9X15, 9X16, 10X14, 10X16, 12X18, 16X24, 19X25, 25X31 IN 25 METERS STANDARD PACK WITH FOOD GRADE CERTIFICATES.

FEATURES :

- ➔ Conforms for FDA 21 CFR 177.2600
- ➔ Most suitable for Peristaltic application.
- ➔ Excellent resistance to most of the chemicals.
- ➔ Sterilizable with gamma, autoclave, EtO Etc.

SILICONE POLYESTER & NYLON REINFORCED HOSE



Polyester reinforced Silicone Transparent Braided Hoses for Food, Pharma, Chemical, Medical, Heavy Engineering, Thermal Power Stations, and PSUs. These Braided Hoses are made from 100% pure Silicone Rubber by using fully Automatic state-of-the-art machineries and technologies. GX medical grade Braided Hoses are manufactured under stringent quality control.

Platinum Cured Silicone Transparent Braided Hoses Sizes with Catalogue Numbers

ID (in MM)	OD (in MM)	WT (in MM)	SIZE (in INCH)	CATALOGUE NUMBER	PACK SIZE AVAILABLE	Price (Rs.)
6	13	3.5	¼"	GX-901-ASRH-201-65	33 Feet	POR
9	16	3.5	11/32"	GX-901-ASRH-202-65	17/33 Feet	POR
10	18	4	25/64"	GX-901-ASRH-203-65	17/33 Feet	POR
12	20	4	½"	GX-901-ASRH-204-65	17/33 Feet	POR
16	24	4	5/8"	GX-901-ASRH-205-65	17/33 Feet	POR
19	27	4	¾"	GX-901-ASRH-206-65	17/33 Feet	POR
25	35	5	1"	GX-901-ASRH-207-65	17/33 Feet	54,675
32	42	5	1 ¼"	GX-901-ASRH-208-65	17/33 Feet	POR
37	47	5	1 ½"	GX-901-ASRH-209-65	17/33 Feet	POR
50	60	5	2"	GX-901-ASRH-210-65	17/33 Feet	POR

Note: Hoses with Tri-Clover End fittings will be varies lengths as per required lengths will be available, with one end & both ends. Catalogue number will be provided based on your request or hoses with tri-clover end fittings. Certifications pack will be provided along with the material.



Genefit- SS SPIRAL WIRED PLATINUM CURED SILICONE TRANSPARENT BRAIDED HOSE

Genefit is platinum-cured Silicone Hose with 316 stainless steel helical wire reinforcement that offers ultimate flexibility in high pressure and vacuum rating situations. The product is more superior compare to normal polyester braided hose in high pressure application industries.

Key Features

- Having higher burst pressure compare to normal polyester braided hose.
- FDA 21 CFR 177.2600 tested from NABL approved lab; hence, Reliable for Food grade application.
- General temperature range: -100°F (-73.3°C) to 400°F (204.4°C)
- Available with T/C clamps as per customer requirement.
- Having static electrical charge transmission properties for continuous flow operation
- Manufactured and packaged in a Class 7 (Class 10,000) ISO-certified clean room
- Custom lengths, color coding, 316L stainless steel sanitary fittings, hose assemblies, and/or packaging available
- Imparts no taste or odor.
- Colored outer cover available.
- Custom colour coding available.

**We also provide "SANDWICH" Printing Technique in hoses for better identification which also provide the Lot & batch traceability of the product, the printing is permanent such that it will never get demonized even after several uses.*

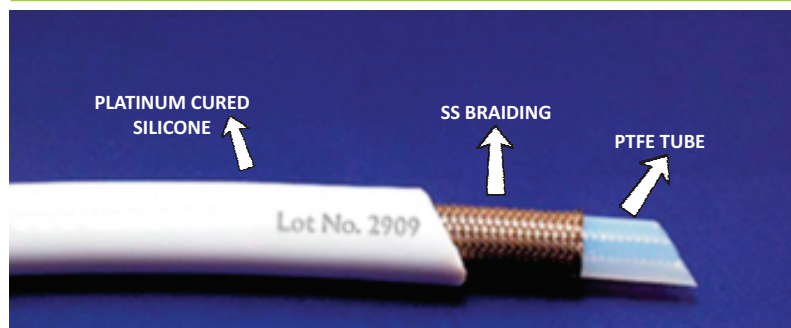
PART NO.	ID	OD	MAX WORKING PRESSURE	MIN BURST PRESSURE	MIN BEND PRESSURE	VACUUM Hg @ 70°F/21.1°C	Price (Rs.)
	IN (MM)	IN (MM)	IN (Bar)	IN (Bar)	IN (MM)	IN (MM)	
GX-0611IFT	6	13	10.3	41.3	38.1	760	POR
GX-0915IFT	9	16	10.3	34.5	63.5	760	POR
GX-1219IFT	12	20	8.65	34.5	101.6	760	POR
GX-1925IFT	19	27	8.65	34.5	139.7	760	POR
GX-2531IFT	25	35	6.89	27.5	139.7	760	POR
GX-3242IFT	32	42	6.89	24.13	177.8	760	POR
GX-3850IFT	38	50	6.20	24.13	177.8	760	POR

Application

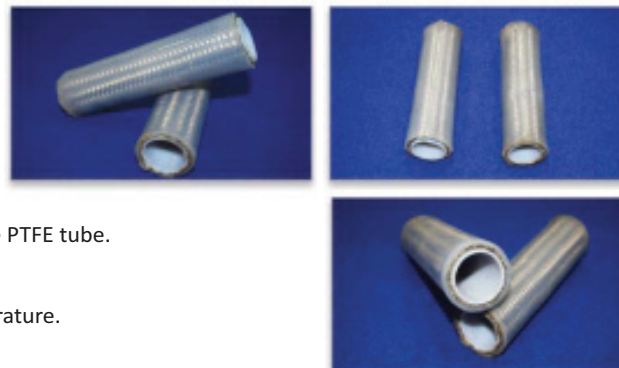
- Pharmaceutical processing
- Biomedical
- Laboratory
- Ultra pure liquid transfer
- Food processing
- Wash down stations
- Load cell applications
- Biotechnology
- Bulk transfer



Geneflexie- PTFE LINED SS BRAIDED HOSE COVERED WITH PLATINUM CURED SILICONE



Geneflexie Tubes products are utilized in a wide variety of applications and services across many industries. The capability to withstand high pressure and vacuum conditions, and variety of hose designs and end fitting selections make Geneflexie the preferred choice for many applications.



General Features

- Platinum cured silicone covered over Stainless Steel (SS304) braided with inside PTFE tube.
- Permits easy cleaning.
- Pharmaceutical, food and beverage, and chemical applications.
- Smooth Silicone Cover provides safety to operator while handling in high Temperature.
- Prevents operator/users injury due to "frayed" SS braids.
- Temperature rated -maximum temperature: -60°C to +250°C.
- Autoclavable
- Excellent chemical compatibility with organic & inorganic solvent.
- **Conforms to USFDA 21CFR 177.2600.**

PART NO.	ID	OD	MAX WORKING PRESSURE	MIN BURST PRESSURE	MIN BEND PRESSURE	VACUUM Hg @ 70° F/21.1°C	Price (Rs.)
	IN (MM)	IN (MM)	IN (Bar)	IN (Bar)	IN (MM)	IN (MM)	
GX-0611IF	6	11	175	688.4	64	760	POR
GX-6011IF	9	15	134.5	538.6	87.5	760	POR
GX-1219IF	12	19	120	480.2	101.5	760	POR
GX-1925IF	19	25	90.2	355.8	190.5	760	POR
GX-2531IF	25	31	64.5	256.5	304.5	760	POR

APPLICATIONS

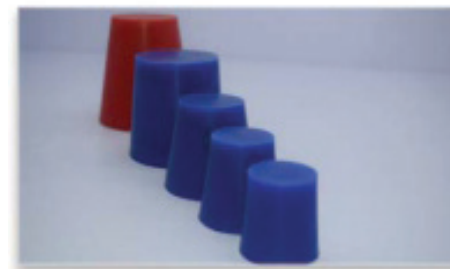
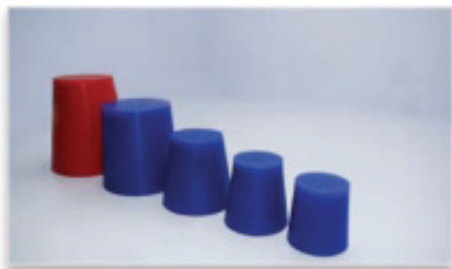
- Fluid Handling
- Pharmaceutical
- Load Cell & Vibration Isolation
- Corrosive & High Purity Media
- Food, Beverages, Flavors & Fragrance
- Process & Product Transfers
- Steam Application, etc.
- Drain & Sample
- Cosmetics

CONSTRUCTION

- Inside Tube: Smooth PTFE for Sterile Application.
- Cover: Platinum Cured Silione.
- Reinforcement: Stainless Steel Braiding.

Note:- *Corrugated PTFE can be made available for better Flexibility & bending radius.

SILICONE RUBBER CORKS/STOPPERS



FEATURES & BENEFITS :

- Made from FDA-sanctioned ingredients
- Manufactured using FDA 21 CFR 177.2600 specifically for laboratory and medical use.
- Able to resist extreme temperature variation : - 80°F o 250°F

PHYSICAL PROPERTIES :

- Hardness, Shore A±5 - 70 Shore A
- Tensile Strength, Kg/Cm2 : 95 Min
- Elongation at Break, % : 300% Min
- Brittle Temperature : -80°F
- Max. Operating Temperature : 250°F

PRODUCT DETAILS

INTRODUCTION

A BUNG, STOPPER OR CORK IS A TRUNCATED CYLINDRICAL OR CONICAL CLOSURE TO SEAL A CONTAINER, SUCH AS A BOTTLE, TUBE OR BARREL. UNLIKE A LID, WHICH ENCLOSES A CONTAINER FROM THE OUTSIDE WITHOUT DISPLACING THE INNER VOLUME, A BUNG IS PARTIALLY INSERTED INSIDE THE CONTAINER TO ACT AS A SEAL.

MACHINE NAME & MAKE

FOR ALL TYPES GLASS BOTTLES

APPLICATIONS

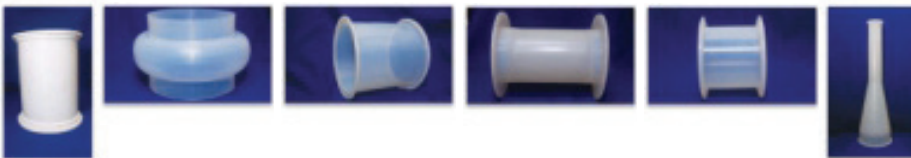
STOPPERS FIR TIGHTLY TO PREVENT CHEMICAL LEAKS.

COLOURS

RED, TRANSPARENT BLUE, ETC.

Standard Available Size

Cat. no.	Botom Dia. (MM)	Top Dia. (MM)	Height (MM)	Price (Rs.)
GX-2175	14	10	38	POR
GX-13/09033	15	10	20	POR
GX-13/0911	20	15	20	POR
GX-13/0905	30	20	30	POR
GX-13/0904	35	30	35	POR
GX-13/0902	40	30	40	POR
GX-1127	50	35	45	POR
GX-781	50	40	50	POR
GX-13/919	59	50	57	POR
GX-1909	60	50	60	POR
GX-782	62	49	43	POR
GX-1400	63	47	44	POR
GX-13/0011	68	48	65	POR
GX-4579	29	21	28	POR
GX-4557	33	27.5	34	POR
GX-475	38	30	37	POR
GX-13/0655	59	49	51	POR
GX-686	60	50	45	POR
GX-4591	66	48	50	POR
GX-13/0167	69.5	46	76	POR
	95	83	65	POR

SILICONE RUBBER BELLOWS- FOR POWDER TRANSFER SYSTEM**SILICONE RUBBER BELLOWS- FOR TABLET COMPRESSION MACHINE****Molded / Custom Gasket****BUTTERFLY VALVES GASKETS - IN SILICONE/VITON/EPDM****SILICONE SUCTION CUPS****SILICONE DUST CUPS (D & B TOOLING)****SILICONE CUSTOMIZED MOLDED PRODUCT**

We reputation for excellence has been built on the foundation of providing our customers with the most effective sealing solutions to meet their most demanding, individual applications. That is why we tailor our products and processes to suit clients' specific requirements. Our highly skilled team of engineerings will work with your current designs, or will work with you to design the gasket or seal unique to your needs. We will then fabricate your extruded or molded gasket to the most exacting tolerances. If a custom length is required, gaskets can be made using a standard cross-section extrusion. If a custom cross-section is needed, tooling can be made.

