

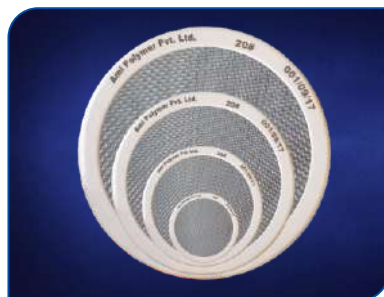


Ami Polymer Pvt. Ltd.

"Sealing Expert in Silicone"

TUBINGS | HOSES | SINGLE USE ASSEMBLIES | GASKETS | INFLATABLE SEALS

TUV NORD CERTIFIED:- ISO 9001:2015 (QMS), ISO 14001:2015 (EMS), ISO 45001:2018 (HEALTH AND SAFETY), ISO 27001:2013 (ISMS), ISO 13485:2016 (MEDICAL DEVICES)
CERTIFIED MANUFACTURING FACILITY OF CLEAN ROOM CLASS 10000



**BPOG EXTRACTABLE STUDIES ON
PHARMA TUBINGS AND SINGLE
USE COMPONENTS**

**EXTRACTABLE STUDIES ON
PHARMA TUBINGS FROM
TOXIKON USA LAB**

**NSF -51 CERTIFIED
SILICONE RESIN
SLE-(PT)-30 TO
SLE-(PT)-80**

**MANUFACTURING EXCELLENCE
IN SINGLE USE ASSEMBLIES,
PHARMA TUBINGS,
REINFORCED HOSES,
INFLATABLE SEALS, &
SIEVES AND SCREENS**

**Foxx
Life Sciences**
Leaders in Single Use Technology

Exclusive Master Distributor (USA)

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About Us

APPL CORPORATE OFFICE



Since 1998, APPL is in the business of Silicone Elastomeric products and also, other Polymeric components which ultimately provide solutions to Fluid Transfers, Sealing, and Contamination controls for Biopharma, Pharma, Medical, Laboratory, Food, Beverages, and Engineering sectors worldwide.

APPL is having ISO class 7 and 8 cleanroom facilities certified with ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 27001:2013, ISO 13485:2016. We also have a BPOG extractables program for our products for regulatory markets worldwide.

APPL has world-class manufacturing technology with end-to-end process capabilities to fulfill the needs of customers. which include Extrusion Technology with Laser Controlled system, Automatic Hose Production lines, Plastic Extrusion Lines, Automatic Hydraulic Presses for Elastomers & Polymeric components, Laboratory with R&D Equipment, In-house Tooling & Mould making machinery, Laser Cut Machines, and Online Printing as well as Marking systems on products

Over the years the Company expanded its capacity of manufacturing by adding a huge facility that provides end-to-end solutions to our clients worldwide.

Our products are available across the globe directly and through the distribution networks.

The Company believes in **“Be in business with ethics”** and assure **Quick Development, Fastest Delivery, Ultimate Quality** and also very **Competitive Rates**.

APPL MANUFACTURING FACILITY



Our Strength

- ⤴ New Manufacturing facility (2,50,000 Sq.ft total area with 60,000 Sq.ft Cleanroom Area) under installation in Silvassa, India. It will be operational by Dec 2022
- ⤴ A dedicated strength of 600+ employees which includes Qualified Rubber Technologists, Biotechnologists, Engineers from the reputed Institutes of India.
- ⤴ Crossing annual turnover of **25 million US\$**.
- ⤴ Excellence Award among Top 50 SME companies 2016 by **ASSOCHAM**
- ⤴ Excellence Award in Product innovation 2018 by **ASSOCHAM**
- ⤴ Well equipped tool room with CNC and VMC machines
- ⤴ Advance R&D Facility and Lab with Latest Equipments
- ⤴ In-house Hose Crimping and Hydrotest testing Facility
- ⤴ Laser controlled manufacturing system for accurate dimension of tubing/profiles
- ⤴ Nominated in top 500 companies by Dun & Bradstreet for Business Across Borders 2022

APPL CLEAN ROOM CLASS 10000 CERTIFIED FACILITY



Our Strength

- ⤴ **DMF #26201, 32560,32558, 32556, 32559, 32561 & 32549 (Drug Master File) for manufacturing of Tubes and Hoses accredited by USFDA**
- ⤴ **Clean Room of Class 10000 Certified Facility**
- ⤴ **NSF-51 Certification** on Platinum Cured Silicone Resin (84% Standards of USFDA are derived from NSF)
- ⤴ **BPOG** standardized extractables test
- ⤴ **TOXIKON Lab (USA)** based E&L study, USP class87, ISO 10993 biocompatibility studies on products
- ⤴ **TUV Nord Certified IMS (Integrated Management System) facility**
[ISO 9001:2015, ISO 14001:2015, ISO 45001:2018] ; ISO 27001:2013 ; ISO 13485:2016
- ⤴ High Performance Capability and Credit Rating of **MSE-1 from CRISIL**
- ⤴ Sound Infrastructure and Capabilities to Develop Tailor-made Products as per Customer's Requirements
- ⤴ Most advanced fully automatic Microwave Continuous Curing System which ensures Accurate Dimension, Glossy Surface and Aesthetically Finished Profiles
- ⤴ Successfully developed 5000+ customized products and having 3000+ satisfied customer globally.



Imapure®

Platinum Cured Silicone Tube (Regulatory Market)

Imapure® - Preferred Choice of Pharma and Biopharma. Imapure® is a Platinum cured silicone tubing designed for Peristaltic Pumps, Single Use assemblies, and complete fluid management in Bioprocess applications. It has an ultra-smooth bore that prevents particle entrapment and assembling friendly of single-use systems.

CHARACTERISTICS

- ▲ Manufactured by using PLC controlled latest extrusion technology and world class platinum grade silicone resin.
- ▲ Manufactured and packaged in clean room class of 10000 facility audited by **TUV Nord**.
- ▲ Inspected by Laser online inspection device to maintain critical dimensional consistency.
- ▲ Excellent flexibility along with flex crack resistance.
- ▲ Excellent transparency with no odor and taste which enhances shelf life.
- ▲ Excellent biocompatibility due to inertness to tissues and cells.

COMPLIANCE & CERTIFICATIONS

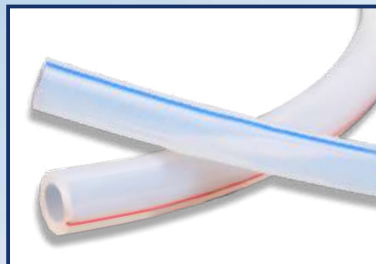
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|-----------------------|-------------------------------------|
| ▲ FDA 21 CFR 177.2600 | ▲ TSE / BSE FREE |
| ▲ GERMAN BFR XV | ▲ NSF -51 |
| ▲ FRANCE ARRETE DU 25 | ▲ USP CLASS 87 |
| ▲ USP CLASS VI | ▲ BPA free |
| ▲ ISO 10993-11 | ▲ TOXIKON based extractable studies |
| ▲ ISO 10993-10 | ▲ PHTHALATE FREE |
| ▲ ISO 10993-5 | ▲ ISO 10993-3 |
| ▲ ISO 10993-4 | ▲ European Pharmacopoeia E.P.3.1.9 |
| ▲ ROHS Compliant | ▲ FDA DMF#26201 |
| ▲ ISO 13485 | ▲ BPOG EXTRACTABLE STUDIES |
| ▲ USP 661 | ▲ USP 381 |

Validation pack available upon request.

Covers Manufacturing Process, Physical Properties, MSDS, Chemical Compatibility Chart, Toxicological Studies, Biocompatibility Studies, Extractable Studies.



**LASER BASED AUTO
INSPECTION DEVICE**

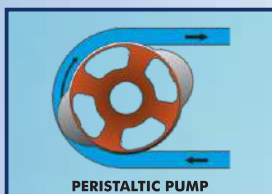


**COLOR CODED TUBING
FOR IDENTIFICATION**



**PERMANENT LASER PRINTING
AVAILABLE WITH
STERILIZABLE PACKAGING**

TUBING APPLICATIONS



PERISTALTIC PUMP



DRUG DELIVERY SYSTEM



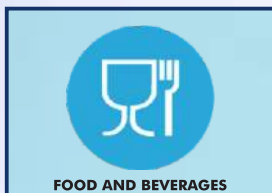
CELL PROCESS



LABORATORY APP.



BIO-PHARMA PROCESS



FOOD AND BEVERAGES



MEDICAL APPLICATION



VIALS FILLING

STORAGE GUIDELINES

- ▲ Store in cool and dry place
- ▲ Keep away from sunlight
- ▲ Shelf life 5 years from mfg. date
- ▲ Available in sterilizable packaging

STERILIZATION METHODS

STEAM
GAMMA
ETO

Antistatic Silicone Tube

Antistatic silicone tubing is specially developed to remove static electric charge while transfer of flammable fluid. Antistatic tubing is successfully tested for food grade FDA 21 CFR 177.2600 Test.

Specially developed Static Dissipative Formulation (10^7 to $10^9 \Omega$ -cm)



Imaflow®

Platinum Cured Silicone Tube (Non-Regulatory Market)

Imaflow® is platinum grade silicone tubing designed for general purpose applications in food and pharmaceutical industries. **Imaflow®** meets all technical requirements related to non-regulatory market.

CHARACTERISTICS

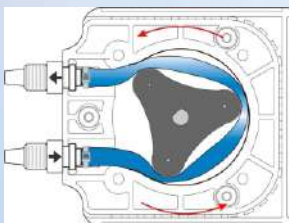
- ⬆ Manufactured by using general purpose platinum grade silicone rubber.
- ⬆ Manufactured and packaged in clean room of class 10000 facility audited by **TUV Nord**.
- ⬆ Better fluid transfer characteristics compare to peroxide silicone tubing.
- ⬆ Available with FDA approved silicone based color coding.
- ⬆ Better transparency and higher shelf life compare to peroxide tubing.
- ⬆ Free of any heavy metals and hazardous substances.

APPLICATIONS

- ⬆ Peristaltic pump based fluid transfer
- ⬆ Chemical and analytical analysis
- ⬆ Sanitary application
- ⬆ Drug delivery and sampling
- ⬆ Food and beverages transfer

STERILIZATION METHODS

STEAM
GAMMA
ETO



PERISTALTIC PUMP APPLICATION



COFFEE VENDING APPLICATION

Platinum Cured Silicone Tubing Comparison Chart

SPECIFICATIONS	Imapure®	Imaflow®
Intended Market	Regulatory	Non-Regulatory
Silicone Raw Material Grade	Critical Purpose	General Purpose
NSF-51 Certification on Resin	Available	Not Available
Extractable and Leachable Studies	TOXIKON Lab USA	Domestic Lab
DMF Registration Letter	Available	Not Available
FDA 21 CFR 177.2600 (USA Food Grade Certificate)	Available	Available
EP 3.1.9	Available	Not Available
Acute Systemic Toxicity Test (USP Class VI)	Available	Available
Intracutaneous Toxicity Test (USP Class VI)	Available	Available
Implantation Test (USP Class VI)	Available	Available
Phthalate/Bisphenol Free COA	Available	Available
RoHS Certification	Available	Available
TSE/BSE Certification	Available	Available
Physical Property Test Report	Available	Available
German Bfr XV (German Food Grade COA)	Available	Not Available
France Arrete du 25 (France Food Grade COA)	Available	Not Available
Genotoxicity Test (ISO 10993-3 Biocompatibility Standard)	Available	Not Available
Hemocompatibility Test (ISO 10993-4 Biocompatibility Standard)	Available from TOXIKON Lab	Not Available
Cytotoxicity Test (ISO 10993-5 Biocompatibility Standard)	Available from TOXIKON Lab	Not Available
Sensitization Test (ISO 10993-10 Biocompatibility Standard)	Available	Not Available
Manufacturing Environment of Product	Clean Room ISO Class 7	Clean Room ISO Class 7
Shelf Life	5 Years	5 Years



Dairy Silicone Tubing

Silicone Tubing for Dairy Application

Silicone Tubing which ensures milk processing or transfer of milk with safe, hygienic and high performance. Platinum Cured Silicone Tubing is designed for the application in Automatic milking system / rotary milking parlour / robotic milking / Peristaltic Pumps. Our transparent silicone tubing is known for its ultra-smooth bore to prevent any particle entrapment, reduces the chances of butterfat occurrence. It can also help to eliminate the probability of Microbial growth within the milk transfer line and ensures smooth transfer of milk.

FEATURES/BENEFITS

- ▲ Superior flexibility , Kink resistance properties.
- ▲ Clear transparency allows easy visual inspection of Milk during process.
- ▲ Smooth bore to ensure less contamination and resists butterfat build-up.
- ▲ Water repellent properties allow easy cleaning and complete soakaway
- ▲ Excellent weather resistance properties.
- ▲ Non-toxic, non-hemolytic.
- ▲ Free of plasticizers like phthalate/bisphenol-A
- ▲ Higher Shelf life
- ▲ Free of any heavy metals and hazardous substances.
- ▲ Sterilisable by using different techniques like autoclaving, Ethylene oxide, Gamma radiation.
- ▲ Dimension range 1mm ID – 3000mm ID dimensionally accurate & excellent workmanship and finish
- ▲ Customized Colour , dimension and hardness available on demand.
- ▲ Good flex fatigue resistance enhance Milking peristaltic pump life & Milking Dosing Pump Life.

APPLICATION

- ▲ For Raw milk transfer.
- ▲ For Bulk milk transfer.
- ▲ For Rotary Milking Parlour line.
- ▲ For Milking Dosing Pumps.
- ▲ For Milking Peristaltic Pumps.

COMPLIANCE & CERTIFICATIONS

- ▲ FDA 21 CFR 177. 2600
- ▲ TSE/BSE FREE
- ▲ PHATHALATE FREE
- ▲ LAB TEST REPORT



DAIRY APPLICATION



Imaprene®

Thermoplastic Elastomer Tube

Imaprene® is an Enduring and Flexible Pump Tubing. It has excellent compatibility with peristaltic pump and other solvents ideally used in pharmaceutical, printing, detergent process applications.

CHARACTERISTICS

- ▲ Manufactured by using world class thermoplastic elastomer
- ▲ Manufactured and packaged in clean room of class 10000 facility audited by **TUV Nord**
- ▲ Excellent chemical and solvent resistance
- ▲ Superior flex crack resistance for peristaltic pump performance
- ▲ Smooth bore to ensure less contamination
- ▲ Free of plasticizers like phthalate/bisphenol-A
- ▲ Non-toxic, non hemolytic
- ▲ DMF #32549 accredited by USFDA

Suitable for Alcohols

COMPLIANCE & CERTIFICATIONS

- | | |
|---------------------------|--------------------|
| ▲ FDA 21 CFR 177.2600 | ▲ TSE / BSE FREE |
| ▲ USP CLASS VI | ▲ ISO 10993-4 |
| ▲ Extractables Leachables | ▲ Plasticizer Free |
| ▲ BPA free | |
| ▲ PHTHALATE FREE | |
| ▲ USP CLASS 87 | |
| ▲ ISO 10993-11 | |
| ▲ ROHS Compliant | |
| ▲ ISO 10993-5 | |

Validation pack available upon request.

Covers Manufacturing Process, Physical Properties, MSDS, Chemical Compatibility Chart, Toxicological Studies, Biocompatibility Studies, Extractable Studies.

APPLICATIONS

- ▲ Peristaltic pump based fluid transfer
- ▲ Fermentation process
- ▲ Vaccine transfer
- ▲ Alcohol based formulation transfer

STERILIZATION METHODS

STEAM
GAMMA
ETO



Imaweld®

Thermoplastic Elastomer Tube with Heat Sealable and Weldable Properties

Imaweld® is thermoplastic elastomer tubing designed for cell culture process in biotech industries. It is widely used in biopharma applications to transfer critical fluids. **Imaweld®** is specially formulated to have heat sealing and welding properties.

CHARACTERISTICS

- ▲ Free of any toxic ingredients, successfully meets toxicity free requirements
- ▲ Manufactured and packaged clean room of class 10000 facility audited by **TUV Nord**
- ▲ Heat sealable and weldable to facilitate sterile connection
- ▲ Good flexibility and surface finish with custom dimension and length size available
- ▲ Excellent acid and alkali resistance
- ▲ Smooth bore surface to eliminate particle entrapment
- ▲ DMF #32560 accredited by USFDA
- ▲ Extractable studies available as per the BPOG guidelines.

COMPLIANCE & CERTIFICATIONS

- | | |
|----------------------------|--------------------|
| ▲ FDA 21 CFR 177.2600 | ▲ TSE / BSE FREE |
| ▲ USP CLASS VI | ▲ ISO 10993-4 |
| ▲ Extractables Leachables | ▲ Plasticizer Free |
| ▲ BPA free | ▲ ISO 10993-5 |
| ▲ PHTHALATE FREE | ▲ ROHS Compliant |
| ▲ ISO 10993-11 | ▲ USP CLASS 87 |
| ▲ BPOG extractable studies | |

Validation pack available upon request.

Covers Manufacturing Process, Physical Properties, MSDS, Chemical Compatibility Chart, Toxicological Studies, Biocompatibility Studies, Extractable Studies.

APPLICATIONS

- ▲ Cell culture processing
- ▲ Bio-pharma and fermentation application
- ▲ Biosimilar product manufacturing
- ▲ Microbiological Application

STERILIZATION METHODS

STEAM
GAMMA
ETO



Imachemton®

FKM Rubber Tube

Imachemton® is fluoropolymer tubing especially designed for highly corrosive chemicals and solvents used in pharmaceutical industries. It is manufactured in dedicated controlled environment to comply critical food and pharma grade standards.

CHARACTERISTICS

- ▲ Excellent resistance to alcohols, acids, halogenated solvents
- ▲ Manufactured in clean room of class 10000 facility
- ▲ Double polybag packaged in standard pack size of 25 mtr (custom packing sizes available)
- ▲ Greater flame and fire resistance
- ▲ Available in 60 Shore A & 70 Shore A hardness
- ▲ Service temperature -15°C to +250°C
- ▲ DMF #32556 accredited by USFDA



COMPLIANCE & CERTIFICATIONS

- | | |
|---------------------------|--------------------|
| ▲ FDA 21 CFR 177.2600 | ▲ TSE / BSE FREE |
| ▲ USP CLASS VI | ▲ ROHS Compliant |
| ▲ Extractables Leachables | ▲ PHTHALATE FREE |
| ▲ BPA free | ▲ Plasticizer Free |

Validation pack available upon request.

Covers Manufacturing Process, Physical Properties, MSDS, Chemical Compatibility Chart, Toxicological Studies, Biocompatibility Studies, Extractable Studies.

APPLICATIONS

- ▲ Corrosive chemical transfer
- ▲ Chlorinated, fluorinated chemical transfer
- ▲ Chemical and analytical analysis
- ▲ Fuel and oil industries

STERILIZATION METHODS

STEAM
GAMMA
ETO



Imapex®

Peroxide Cured Silicone Tube

Imapex® is Peroxide Grade silicone Tubing is designed for general, non-critical and engineering applications. **Imapex®** is translucent silicone tubing having good flexibility and resiliency. It is suitable for peristaltic pump applications for non-critical fluid transfer. It meets with food grade requirements as per FDA 21 CFR 177.2600

CHARACTERISTICS

- ▲ Manufactured by using high quality peroxide grade silicone rubber.
- ▲ Manufactured and packaged in dust free environment of facility audited by **TUV Nord**.
- ▲ Odorless and tasteless.
- ▲ Good physical properties like compression set and tensile strength.
- ▲ Good flex fatigue resistance enhances peristaltic pump life.
- ▲ Available with FDA compliant color coding for ease of identification.
- ▲ Free of BPA and phthalate.

COMPLIANCE & CERTIFICATIONS

- ▲ FDA 21 CFR 177.2600
- ▲ BPA free
- ▲ ROHS Compliant
- ▲ PHTHALATE FREE
- ▲ TSE / BSE FREE

STORAGE GUIDELINES

- ▲ Store in cool and dry place
- ▲ Keep away from sunlight
- ▲ Shelf life 3 years from mfg. date
- ▲ Available in sterilizable packaging

STERILIZATION METHODS

STEAM
GAMMA
ETO



Imafep®

FEP (Fluorinated Ethylene Propylene)/Fluoropolymer Tube

Imafep® is (Fluorinated Ethylene Propylene) tubing designed for highly corrosive fluid transfer in pharmaceutical industry. **Imafep®** is specially formulated to have transparent wall which meets with global food and pharma grade standards.

CHARACTERISTICS

- ▲ Double polybag packaged in clean room of class 10000 facility.
- ▲ Good flexibility compared to PTFE tubing.
- ▲ Transparency facilitate fluid flow visibility.
- ▲ Excellent acid and alkali resistance.
- ▲ Ultra-smooth bore surface to eliminate particle entrapment.
- ▲ Custom dimension and length size available.
- ▲ Steam, ETO and Gamma radiation sterilizable.
- ▲ Thermally resistant up to 210°C.

COMPLIANCE & CERTIFICATIONS

- | | |
|---------------------------|------------------|
| ▲ FDA 21 CFR 177.2600 | ▲ ISO 10993-11 |
| ▲ USP CLASS VI | ▲ TSE / BSE FREE |
| ▲ Extractables Leachables | ▲ ROHS Compliant |
| ▲ BPA free | ▲ PHTHALATE FREE |
| ▲ DMF NO: 32558 | |

SIZE					CATALOGUE NO.	SIZE					CATALOGUE NO.
ID		OD		THICKNESS		ID		OD		THICKNESS	
MM	INCH	MM	INCH	MM		MM	INCH	MM	INCH	MM	
2.0	5/64	4.0	5/32	1.0	IFP-020-040	6.0	15/64	8.0	5/16	1.0	IFP-060-080
3.0	1/8	5.0	13/64	1.0	IFP-030-050	8.0	5/16	10.0	25/64	1.0	IFP-080-100
3.2	1/8	6.4	1/4	1.6	IFP-032-064	10.0	25/64	12.0	15/32	1.0	IFP-100-120
4.0	5/32	6.0	15/64	1.0	IFP-040-060	11.2	7/16	12.7	1/2	0.75	IFP-112-127
4.8	3/16	6.4	1/4	0.8	IFP-048-064	12.0	15/32	14.0	35/64	1.0	IFP-120-140



FEP Retractable Coil

CHARACTERISTICS

- ▲ Excellent transparency
- ▲ Great retractability
- ▲ Resistant to virtually all chemicals
- ▲ Low coefficient of friction
- ▲ Ultra smooth bore to eliminate particle entrapment
- ▲ Custom dimension and length size available
- ▲ Steam, ETO and Gamma radiation sterilisable
- ▲ Thermally resistant upto 200°C
- ▲ Manufactured & packaged in Clean Room



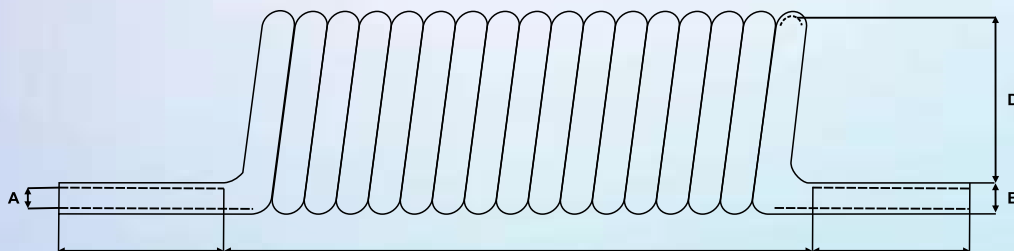
PHARMA ISOLATOR

APPLICATION

- ▲ Ideal for all applications using DI water
- ▲ Laboratory use
- ▲ Pure chemical dispensers
- ▲ Pure air and water systems
- ▲ Medical

DRAWING

- ▲ A = Tube ID,
- ▲ B = Tube OD,
- ▲ C = Tail length (Standard tail length is 6")
- ▲ D = Coil ID,
- ▲ E = Retracted length



COMPLIANCE & CERTIFICATIONS

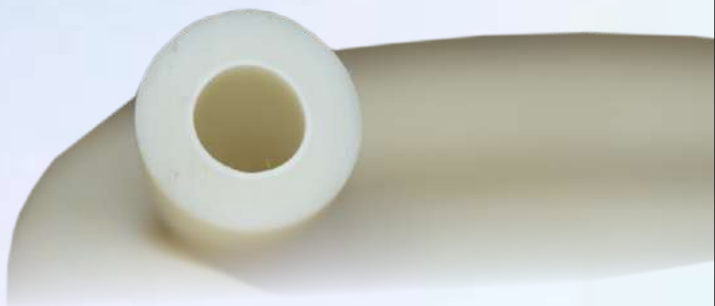
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|---------------------------|------------------|
| ▲ FDA 21 CFR 177.2600 | ▲ ISO 10993-11 |
| ▲ USP CLASS VI | ▲ TSE / BSE FREE |
| ▲ Extractables Leachables | ▲ ROHS Compliant |
| ▲ BPA free | ▲ PHTHALATE FREE |

Bi-Layer Thermoplastic Elastomer Tube

- ▲ **Imaliner®** is Bi-Layer tubing specially designed by using thermoplastic elastomer.
- ▲ Inner layer is having low coefficient of friction to enhance smooth fluid flow operation.
- ▲ Outer layer is made from high abrasion resistance TPE to reduce spallation.
- ▲ Having excellent flex crack resistance.
- ▲ Inner layer is highly resistant to alcohol based solvents and preservatives.

COMPLIANCE & CERTIFICATIONS

- ▲ FDA 21 CFR 177.2600
- ▲ USP CLASS VI
- ▲ Extractables Leachables
- ▲ BPA free
- ▲ PHTHALATE FREE
- ▲ USP CLASS 87
- ▲ DMF NO: 32559
- ▲ TSE / BSE FREE
- ▲ ISO 10993-4
- ▲ Plasticizer Free
- ▲ ROHS Compliant
- ▲ ISO 10993-5
- ▲ ISO 10993-11



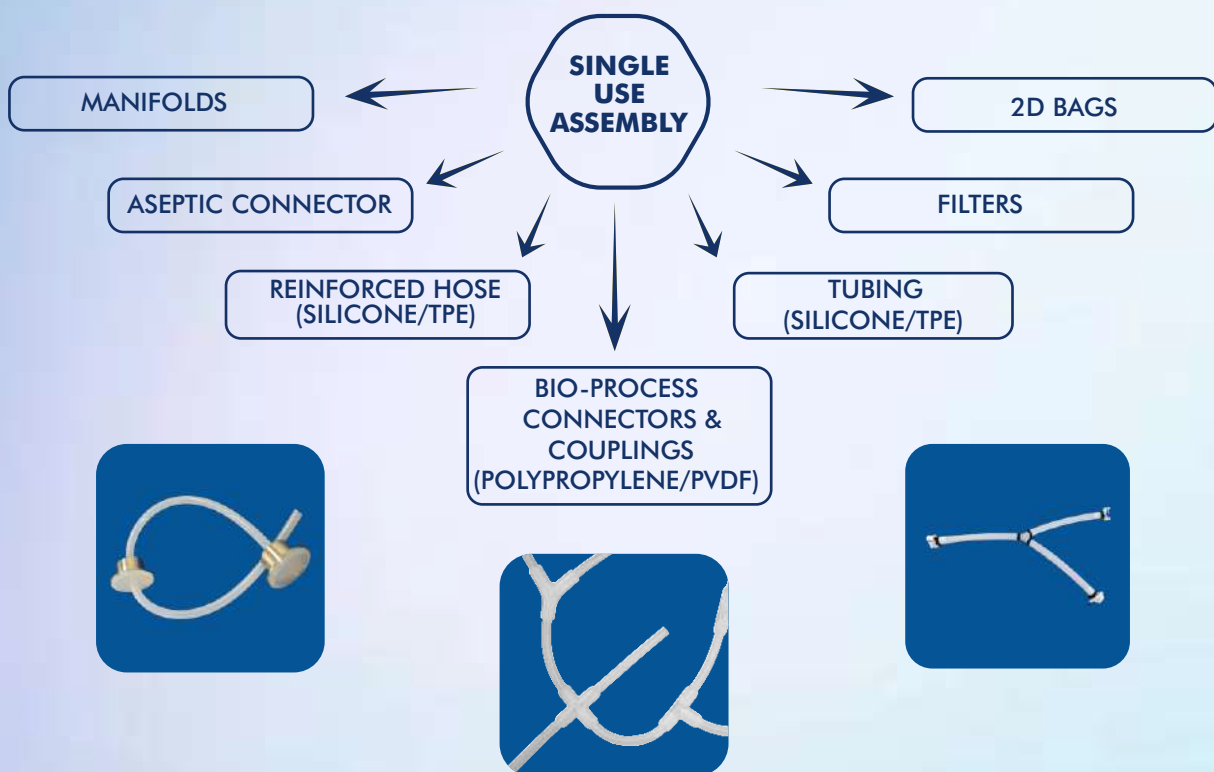
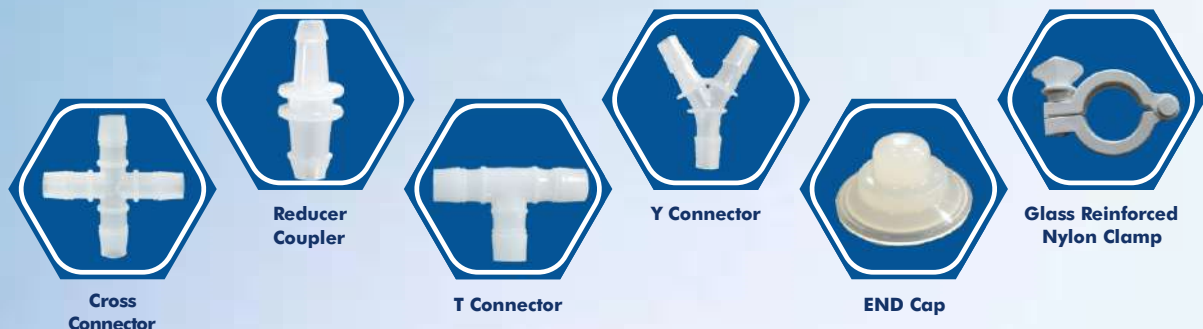
Tubing Certification Comparison Chart

CERTIFICATIONS	Imapure®	Imaflow®	Imaweld®	Imaprene®	Imachemton®	Imapex®	Imaliner®	Imafep®	Imatef®
FDA 21 CFR 177.2600	Available	Available	Available	Available	Available	Available	Available	FDA 21 CFR 177.1550	FDA 21 CFR 177.1550
NSF-51 Certification on Resin	Available	NA	NA	NA	NA	NA	NA	NA	NA
EP 3.1.9	Available	NA	NA	NA	NA	NA	NA	NA	NA
USP Class VI (<88>)	Available	Available	Available	Available	Available	NA	Available	Available	Available
USP <87> (In Vitro)	Available	NA	Available	Available	Available	NA	Available	Available	Available
USP 661	Available	NA	NA	NA	NA	NA	NA	NA	NA
USP 381	Available	NA	NA	NA	NA	NA	NA	NA	NA
ISO 10993-3 Genotoxicity	Available	NA	NA	NA	NA	NA	NA	NA	NA
ISO 10993-4 Hemocompatibility	Available	NA	Available	Available	NA	NA	Available	Available	Available
ISO 10993-10 Sensitization	Available	NA	NA	NA	NA	NA	NA	NA	NA
ISO 10993-11 Acute Systemic Toxicity	Available	Available	Available	Available	Available	NA	Available	Available	Available
BET (Bacterial Endotoxin Test)	Available	NA	NA	NA	NA	NA	NA	NA	NA
Bacteriostasis & Fungistasis	Available	NA	NA	NA	NA	NA	NA	NA	NA
German Bfr XV	Available	Available	NA	NA	NA	NA	NA	NA	NA
France Arrete Du 25	Available	Available	NA	NA	NA	NA	NA	NA	NA
TSE/BSE Free Certification	Available	Available	Available	Available	Available	Available	Available	Available	Available
RoHS Certification	Available	Available	Available	Available	Available	Available	Available	Available	Available
Bisphenol A / Phthalate Free	Available	Available	Available	Available	Available	Available	Available	Available	Available
Extractable Study	Available	Available	Available	Available	Available	NA	Available	Available	Available
Shelf Life	5 Years	5 Years	5 Years	5 Years	5 Years	3 Years	5 Years	5 Years	5 Years
Chemical Compatibility Chart	Available	Available	Available	Available	Available	Available	Available	Available	Available
MSDS	Available	Available	Available	Available	Available	Available	Available	Available	Available
USFDA DMF Registration	#26201	NA	#32560	#32549	#32556	NA	#32559	#32558	NA

SIZES					TUBINGS CATALOGUE NUMBER					
ID		OD		THICKNESS						
INCH	MM	INCH	MM	INCH	Imapure®	Imaflow®	Imaweld®	Imaprene®	Imachemton®	Imapex®
1/16	1.60	1/8	3.17	1/32	901-203-60	701-203-60	4020-0016-078	8020-0016-078	5020-0016-078	601-203-60
1/16	1.60	13/64	4.76	1/16	901-113B-60	701-113B-60	4020-0016-158	8020-0016-158	5020-0016-158	601-113B-60
1/16	1.6	1/4	6.4	3/32	901-203C-60	701-203C-60	4020-0016-240	8020-0016-240	5020-0016-240	601-203-60
1/32	0.8	5/32	4	1/16	901-203-60	701-203-60	4020-0008-160	8020-0008-160	5020-0008-160	601-203-60
1/32	0.8	7/32	5.6	3/32	901-249-60	701-249-60	4020-0008-240	8020-0008-240	5020-0008-240	601-249-60
1/64	0.5	9/64	3.7	1/16	901-247-60	701-247-60	4020-0005-160	8020-0005-160	5020-0005-160	601-247-60
1/64	0.5	13/64	5.3	3/32	901-248-60	701-248-60	4020-0005-240	8020-0005-240	5020-0005-240	601-248-60
5/64	2.00	5/32	4.00	3/64	901-114-60	701-114-60	4020-0020-100	8020-0020-100	5020-0020-100	601-114-60
5/64	2.00	13/64	5.00	1/16	901-115-60	701-115-60	4020-0020-150	8020-0020-150	5020-0020-150	601-115-60
1/8	3.17	1/4	6.35	1/16	901-204-60	701-204-60	4020-0031-159	8020-0031-159	5020-0031-159	601-204-60
1/8	3.00	1/4	6.00	1/16	901-117-60	701-117-60	4020-0030-150	8020-0030-150	5020-0030-150	601-117-60
1/8	3.00	9/32	7.00	5/64	901-118-60	701-118-60	4020-0030-200	8020-0030-200	5020-0030-200	601-118-60
1/8	3.00	5/16	8.00	2.32	901-205-60	701-205-60	4020-0030-250	8020-0030-250	5020-0030-250	601-205-60
5/32	4.00	1/4	6.00	3/64	901-119-60	701-119-60	4020-0040-100	8020-0040-100	5020-0040-100	601-119-60
5/32	4.00	9/32	7.00	1/16	901-120-60	701-120-60	4020-0040-150	8020-0040-150	5020-0040-150	601-120-60
5/32	4.00	5/16	8.00	5/64	901-121-60	701-121-60	4020-0040-200	8020-0040-200	5020-0040-200	601-121-60
5/32	4.00	23/64	9.00	3/32	901-206-60	701-206-60	4020-0040-250	8020-0040-250	5020-0040-250	601-206-60
5/32	4.00	25/64	10.0	1/8	901-174-60	701-174-60	4020-0040-300	8020-0040-300	5020-0040-300	601-174-60
3/16	4.76	5/16	7.90	1/16	901-122-60	701-122-60	4020-0047-157	8020-0047-157	5020-0047-157	601-122-60
3/16	4.76	3/8	9.50	3/32	901-123-60	701-123-60	4020-0047-237	8020-0047-237	5020-0047-237	601-123-60
3/32	2.4	7/32	5.6	1/16	901-250-60	701-250-60	4020-0024-160	8020-0024-160	5020-0024-160	601-250-60
3/64	1.2	11/64	4.4	1/16	901-203B-60	701-203B-60	4020-0012-160	8020-0012-160	5020-0012-160	601-203-60
13/64	5.00	5/16	8.00	1/16	901-125-60	701-125-60	4020-0050-150	8020-0050-150	5020-0050-150	601-125-60
13/64	5.00	23/64	9.00	5/64	901-126-60	701-126-60	4020-0050-200	8020-0050-200	5020-0050-200	601-126-60
13/64	5.00	25/64	10.0	3/32	901-127-60	701-127-60	4020-0050-250	8020-0050-250	5020-0050-250	601-127-60
13/64	5.00	7/16	11.0	1/8	901-128-60	701-128-60	4020-0050-300	8020-0050-300	5020-0050-300	601-128-60
15/64	6.00	5/16	8.00	3/64	901-129-60	701-129-60	4020-0060-100	8020-0060-100	5020-0060-100	601-129-60
15/64	6.00	23/64	9.00	1/16	901-130-60	701-130-60	4020-0060-150	8020-0060-150	5020-0060-150	601-130-60
15/64	6.00	25/64	10.0	5/64	901-131-60	701-131-60	4020-0060-200	8020-0060-200	5020-0060-200	601-131-60
15/64	6.00	7/16	11.0	3/32	901-132-60	701-132-60	4020-0060-250	8020-0060-250	5020-0060-250	601-132-60
15/64	6.00	15/32	12.0	1/8	901-133-60	701-133-60	4020-0060-300	8020-0060-300	5020-0060-300	601-133-60
1/4	6.35	3/8	9.50	1/16	901-171-60	701-171-60	4020-0063-157	8020-0063-157	5020-0063-157	601-171-60
1/4	6.35	7/16	11.11	3/32	901-208-60	701-208-60	4020-0063-238	8020-0063-238	5020-0063-238	601-208-60
1/4	6.35	1/2	12.70	1/8	901-209-60	701-209-60	4020-0063-317	8020-0063-317	5020-0063-317	601-209-60
5/16	7.90	1/2	12.70	3/32	901-140B-60	701-140B-60	4020-0079-240	8020-0079-240	5020-0079-240	601-140B-60
5/16	8.00	7/16	11.0	1/16	901-139-60	701-139-60	4020-0080-150	8020-0080-150	5020-0080-150	601-139-60
5/16	8.00	15/32	12.0	5/64	901-140-60	701-140-60	4020-0080-200	8020-0080-200	5020-0080-200	601-140-60
5/16	8.00	35/64	14.0	1/8	901-142-60	701-142-60	4020-0080-300	8020-0080-300	5020-0080-300	601-142-60
5/16	8.00	5/8	16.0	5/32	901-143-60	701-143-60	4020-0080-400	8020-0080-400	5020-0080-400	601-143-60
5/16	8	1/2	12.8	3/32	901-140B-60	701-140B-60	4020-0079-240	8020-0079-240	5020-0079-240	601-140-60
23/64	9.00	19/32	15.0	1/8	901-145-60	701-145-60	4020-0090-300	8020-0090-300	5020-0090-300	601-145-60
23/64	9.00	5/8	16.0	9/64	901-146-60	701-146-60	4020-0090-350	8020-0090-350	5020-0090-350	601-146-60
3/8	9.50	1/2	12.70	1/16	901-177B-60	701-177B-60	4020-0095-160	8020-0095-160	5020-0095-160	601-177B-60
3/8	9.50	9/32	14.28	3/32	901-191-60	701-191-60	4020-0095-239	8020-0095-239	5020-0095-239	601-191-60
3/8	9.50	5/8	15.87	1/8	901-172-60	701-172-60	4020-0095-318	8020-0095-318	5020-0095-318	601-172-60
3/8	9.50	3/4	19.05	3/16	901-193-60	701-193-60	4020-0095-477	8020-0095-477	5020-0095-477	601-193-60
25/64	10.0	35/64	14.0	5/64	901-149-60	701-149-60	4020-0100-200	8020-0100-200	5020-0100-200	601-149-60
25/64	10.0	5/8	16.0	1/8	901-150-60	701-150-60	4020-0100-300	8020-0100-300	5020-0100-300	601-150-60
25/64	10.0	45/64	18.0	5/32	901-210-60	701-210-60	4020-0100-400	8020-0100-400	5020-0100-400	601-210-60
15/32	12.0	5/8	16.0	5/64	901-151-60	701-151-60	4020-0120-200	8020-0120-200	5020-0120-200	601-151-60
15/32	12.0	45/64	18.0	1/8	901-152-60	701-152-60	4020-0120-300	8020-0120-300	5020-0120-300	601-152-60
15/32	12.0	25/32	20.0	5/32	901-153-60	701-153-60	4020-0120-400	8020-0120-400	5020-0120-400	601-153-60
1/2	12.70	11/16	17.46	3/32	901-194-60	701-194-60	4020-0127-238	8020-0127-238	5020-0127-238	601-194-60
1/2	12.70	3/4	19.05	1/8	901-173-60	701-173-60	4020-0127-317	8020-0127-317	5020-0127-317	601-173-60
1/2	12.70	7/8	22.22	3/16	901-195-60	701-195-60	4020-0127-476	8020-0127-476	5020-0127-476	601-195-60
1/2	12.70	1	25.40	1/4	901-196-60	701-196-60	4020-0127-635	8020-0127-635	5020-0127-635	601-196-60
19/32	15.0	53/64	21.0	1/8	901-211-60	701-211-60	4020-0150-300	8020-0150-300	5020-0150-300	601-211-60
5/8	15.87	7/8	22.22	1/8	901-197-60	701-197-60	4020-0158-317	8020-0158-317	5020-0158-317	601-197-60
5/8	15.87	1	25.40	3/16	901-198-60	701-198-60	4020-0158-476	8020-0158-476	5020-0158-476	601-198-60
5/8	16.00	15/16	24.0	5/32	901-212-60	701-212-60	4020-0160-400	8020-0160-400	5020-0160-400	601-212-60
3/4	19.00	3/4	25.0	1/8	901-160-60	701-160-60	4020-0190-300	8020-0190-300	5020-0190-300	601-160-60
3/4	19.00	1-1/16	27.0	5/32	901-213-60	701-213-60	4020-0190-400	8020-0190-400	5020-0190-400	601-213-60
3/4	19.05	1	25.4	1/8	901-160B-60	701-160B-60	4020-0190-320	8020-0190-320	5020-0190-320	601-160B-60
3/4	19.05	1-1/8	28.57	3/16	901-199-60	701-199-60	4020-0190-470	8020-0190-470	5020-0190-470	601-199-60
3/4	19.05	1-1/4	31.75	1/4	901-200-60	701-200-60	4020-0190-640	8020-0190-640	5020-0190-640	601-200-60
63/64	25.0	1-7/32	31.0	1/8	901-167-60	701-167-60	4020-0250-300	8020-0250-300	5020-0250-300	601-167-60
63/64	25.0	1-3/8	35.0	13/64	901-188-60	701-188-60	4020-0250-500	8020-0250-500	5020-0250-500	601-188-60
63/64	25.0	1-29/64	37.0	15/64	901-189-60	701-189-60	4020-0250-600	8020-0250-600	5020-0250-600	601-189-60
1	25.40	1-1/8	28.75	3/16	901-201-60	701-201-60	4020-0250-170	8020-0250-170	5020-0250-170	601-201-60
1	25.40	1-1/2	38.10	1/4	901-202-60	701-202-60	4020-0250-640	8020-0250-640	5020-0250-640	601-202-60
1	25.4	3/8	35	3/16	901-181-60	701-181-60	4020-0254-480	8020-0254-480	5020-0254-480	601-181-60

Pack size available from min 25 mt. pack.

Ami's World of Bioprocess Solutions and Customization



COMPLIANCE & CERTIFICATIONS

- ▲ FDA 21 CFR 177.1520
- ▲ USP CLASS 88
- ▲ USP Class 87
- ▲ Manufactured in Cleanroom Class 10000
- ▲ Extractable & Leachable Study Available

APPLICATION

- ▲ Vaccine and Bio Therapeutic Production
- ▲ Cell Culture and Sampling
- ▲ Aseptic Filling and Filtration
- ▲ Sterile Fluid Management
- ▲ Fermentation and Bio-reactors
- ▲ Single use Chromatography
- ▲ Bio Processes - Upstream & Downstream



ImaLOK™

A Solution for Bioprocessing Applications

APPL's **ImaLOK™** sanitary clamp is designed to address the needs of the single-use disposable / biopharma industries. **ImaLOK™** sanitary clamps are manufactured using a glass-reinforced, FDA 21 CFR 177.1500 grade, USP Class VI Nylon 66 and are designed to be used as a component for single-use transfer lines and a wide range of bioprocess systems.

CHARACTERISTIC

- ▲ We offer multiple option in ImaLOK™. These are offered in a wide range of internal dimension to meet the process requirements.
- ▲ The manufacturing process is carried out in clean room with caution from raw material to finished product manufactured.

FEATURES / BENEFITS

- ▲ Biopharmaceutical grade
- ▲ Limited-slip design and coating hinge self-adjusts for balanced contact pressure.
- ▲ Compatible with ASME-BPE and BPSA standard non-metallic and stainless steel ferrules.
- ▲ Excellent acid and alkali resistance.
- ▲ More efficient locking mechanism.
- ▲ Lightweight.
- ▲ Autoclavable and gamma sterilizable.
- ▲ Quick delivery support.

APPLICATION

- ▲ Single-use systems (SUS)
- ▲ Pharmaceutical manufacturing
- ▲ Vaccine and bio therapeutic production
- ▲ Applications where metal is incompatible

COMPLIANCE & CERTIFICATIONS

- ▲ FDA 21CFR 177.2600
- ▲ USP CLASS VI
- ▲ USP Class 87

SIZE AVAILABLE

Part No.	Material OF construction	Size (inch)
GNRC-NC-0750	Glass reinforced nylon	1/2" - 3/4"
GNRC-NC-1500	Glass reinforced nylon	1" - 1.5"

ImaLINK™

A Solution for Bioprocessing Applications

Ami Polymer Pvt Ltd **ImaLINK™** Manifold is designed to minimize the need for fittings, connections, or assembly, and all leak points and entrapment areas have been eliminated. Single use **ImaLINK™** manifolds are manufactured by molding straight sections of tubing or with connectors such as T's, Y's, X's and T ri-Clamps. Most molded connectors provide a seamless transition for a continuous, unrestricted, leak-proof flow by eliminating barbed fittings.

CHARACTERISTIC

- Ami polymer delivers multiple option in ImaLINK™ Manifold. These are offered in a wide range of internal dimensions to meet the process requirements. The manufacturing process is carried out in clean room of ISO Class 7 with cautiously controlled from raw material to finished product manufactured.

FEATURES / BENEFITS

- Biopharmaceutical grade
- Eliminates entrapment, leak points, and pulsation, assembly time.
- Ready-to-install system in sizes 1/16" to 1" in customized lengths.
- Available in multiple configurations and MOC.
- Easy fitting connections.
- Autoclavable and gamma sterilisable
- Quick delivery support.

APPLICATION

- Single-Use filling assemblies minimize setup, installation, and cleaning time
- Sterile filling
- Peristaltic pumps
- Fermentation and filtration
- Vaccine and biotherapeutic production
- Closed collection systems

COMPLIANCE & CERTIFICATIONS

- FDA 21CFR 177.2600
- USP CLASS VI
- USP Class 87
- ISO 10993
- USP 381 Elastomeric closure for injection
- EP 3.1.9
- BPOG standardized extractable test

SIZE AVAILABLE

Tube SIZE (INCH)	Tube SIZE (MM)	Tube SIZE (INCH)	Tube SIZE (MM)	Tube SIZE (INCH)	Tube SIZE (MM)
1/16" x 3/16"	1.6 x 4.7	3/16" x 7/16"	4.7 x 11	1/2" x 5/8"	12.7 x 15.8
1/16" x 1/4"	1.6 x 6.35	1/4" x 7/16"	6.35 x 11	2 1/2" x 3/4"	12.7 x 19
1/16" x 7/16"	1.6 x 11	1/4" x 5/8"	6.35 x 15.8	3/4" x 1-1/4"	19 x 31.75
1/8" x 3/16"	3.17 x 4.7	1/4" x 3/4"	6.35 x 19		
1/8" x 1/4"	3.17 x 6.35	3/8" x 7/16"	9.52 x 11		
1/8" x 5/8"	3.17 x 15.8	3/8" x 5/8"	9.52 x 15.8		
3/16" x 1/4"	4.7 x 6.35	3/8" x 3/4"	9.52 x 19		



Imafit®

Platinum Cured Silicone Hose Reinforced with Polyester Braiding

Imafit® is platinum cured silicone hose reinforced with polyester braiding. It has excellent flexibility for pressurized fluid transfer application in pharmaceutical and biotech industries. We are catering these products to all pharma and biotech companies in India and Overseas. **Imafit®** hose is manufactured under stringent quality parameters to have greater flexibility and minimum bend radius.

APPLICATION

- ▲ Pharmaceutical and Biotech Material Transfer
- ▲ Critical Liquid Transfer
- ▲ Load Cell and Cell Cultures
- ▲ Analytical Lab Food and Beverages
- ▲ Biotechnology

CERTIFICATION

- ▲ Toxikon based E&L studies available on inner liner
- ▲ NSF-51 certification on resin liner
- ▲ Conforms to US FDA 21 CFR 177.2600 Food Grade Standard
- ▲ Conforms to USP Class VI
- ▲ Conforms to ISO 10993
- ▲ RoHS, Free of Phthalate/ Bisphenol/Volatile Plasticizer, TSE/BSE Certification
- ▲ Complete validation package available upon request

KEY FEATURES

- ▲ Excellent flexibility
- ▲ Manufactured from low volatile grade silicone resin
- ▲ Imparts no taste and odor
- ▲ Lot traceable
- ▲ Available with SS 316L Tri-Clovers end having RA value ≤ 0.5 at Bore
- ▲ Colored outer layer available
- ▲ Custom color coding available
- ▲ Sterilizable by Autoclave, Ethylene Oxide Gas and Gamma Radiation



PART NO.	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
0613FT	6 x 13	1/4"	10.0	30	50	NA
0916FT	9 x 16	11/32"	9.0	27	50	NA
1220FT	12 x 20	1/2"	7.0	21	80	NA
1624FT	16 x 24	5/8"	7.0	21	90	NA
1927FT	19 x 27	3/4"	6.0	18	110	NA
2535FT	25 x 35	1"	4.0	12	160	NA
3242FT	32 x 42	1 1/4"	3.0	9	200	NA
3747FT	37 x 47	1 1/2"	2.5	8	C/P	NA
5062FT	50 x 62	2"	2.0	6	C/P	NA

* Tested at Standard Temp Condition, CP- Consult Plant



Imafit[®] DB - Silicone Platinum Cured Double Braided Polyester Hose

KEY FEATURES

- ▲ Excellent Flexibility
- ▲ Manufactured from low volatile grade silicone resin
- ▲ Available with SS 316L tri-clovers end fittings having RA Value < 0.5 at bore
- ▲ Colored outer layer and custom color coding available on request
- ▲ Sterilizable by Autoclave, Ethylene oxide gas and Gamma Radiation.

Technical Specification

- ▲ Temperature -80° to +230°C.
- ▲ Double braiding of Polyester Yarn
- ▲ Milky White Color Outer Layer Appearance
- ▲ Inner Bore Translucent and smooth

Standard Available Size

Catalogue No.	I.D		O.D		Working Pressure (@23°C)	Burst Pressure (@23°C)	Bend Radius
	(in.)	(mm)	(in.)	(mm)	Bar	Bar	(MM.)
1270-2260-FT-DB	0.500	12.07	0.890	22.60	22.60	55.05	70
1600-2700-FT-DB	0.629	16.00	1.062	27.00	12.53	50.15	80
1905-2997-FT-DB	0.750	19.05	1.180	29.97	12.12	48.50	85
2540-3632-FT-DB	1.000	25.40	1.430	36.32	8.77	35.08	110
3200-4400-FT-DB	1.259	32.00	1.732	44.00	7.5	30.00	200



Imavac®

Platinum Cured Silicone Hose Reinforced with SS 316L Helical Wire

Imavac® is platinum cured silicone hose reinforced with SS 316L helical wire. It has better transparency to visualize flow and kink resistance. **Imavac®** is designed for material transfer application under high vacuum in pharmaceutical industries. The product is more superior compare to **Imafit®** - polyester braided hose in high pressure and high vacuum rating applications. It is also used for antistatic application.

APPLICATION

- ▲ Pharmaceutical Processing
- ▲ Powder and Fluid Transfer
- ▲ High Vacuum Applications
- ▲ Food Processing
- ▲ Load Cell Application
- ▲ Bulk Transfer
- ▲ Biotechnology

CERTIFICATION

- ▲ Toxikon based E&L studies available on inner liner
- ▲ NSF-51 certification on resin liner
- ▲ Conforms to US FDA 21 CFR 177.2600 Food Grade Standard
- ▲ Conforms to USP Class VI
- ▲ Conforms to ISO 10993
- ▲ RoHS, Free of Phthalate/ Bisphenol/Volatile Plasticizer, TSE/BSE Certification
- ▲ Complete validation package available upon request

KEY FEATURES

- ▲ High burst pressure resistance compare to **Imafit®**
- ▲ 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

PART NO.	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
0613VC	6 x 13	¼"	12.0	48	50	760
0916VC	9 x 16	11/32"	11.5	48	60	760
1220VC	12 x 20	½"	10.5	45	70	760
1624VC	16 x 24	5/8"	10.0	35	80	760
1927VC	19 x 27	¾"	8.5	30	90	760
2535VC	25 x 35	1"	8.5	30	125	760
3242VC	32 x 42	1¼"	8.0	27.5	140	500
3747VC	37 x 47	1½"	7.5	25	170	500
5062VC	50 x 62	2"	6.0	22.5	240	400
6476VC	64 x 76	2½"	4.0	20	C/P	C/P
7587VC	75 x 87	3"	3.0	15	C/P	C/P
100112VC	100 x 112	4"	2.0	10	C/P	C/P

* Tested at Standard Temp Condition, CP- Consult Plant



Imavacfit®

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

Imavacfit® is platinum cured silicone hose reinforced with SS 316L helical wire and polyester braiding having better flexibility with high pressure resistance. **Imavacfit®** is having high burst pressure rating along with high vacuum resistance compare to **Imavac®**. The product is suitable in pressurized fluid transfer application.

APPLICATION

- ▲ Pharmaceutical Processing
- ▲ Powder and Fluid Transfer
- ▲ High Vacuum Pump Applications
- ▲ Food Processing
- ▲ Load Cell Application
- ▲ Biotechnology
- ▲ Bulk Transfer
- ▲ Fermentations and Bioreactors

CERTIFICATION

- ▲ Toxikon based E&L studies available on inner liner
- ▲ NSF-51 certification on resin liner
- ▲ Conforms to US FDA 21 CFR 177.2600 Food Grade Standard
- ▲ Conforms to USP Class VI
- ▲ Conforms to ISO 10993
- ▲ RoHS, Free of Phthalate/ Bisphenol/Volatile Plasticizer, TSE/BSE Certification
- ▲ Complete validation package available upon request

KEY FEATURES

- ▲ Having high burst pressure resistance compare to **Imafit®** and **Imavac®**
- ▲ 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

PART NO.	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
0613VF	6 x 13	1/4"	12.5	49.0	60	760
0916VF	9 x 16	11/32"	12.5	49.0	70	760
1220VF	12 x 20	1/2"	11.5	45.0	70	760
1624VF	16 x 24	5/8"	11.0	36.0	85	760
1927VF	19 x 27	3/4"	10.0	34.5	95	760
2535VF	25 x 35	1"	9.5	34.5	140	760
3242VF	32 x 42	1 1/4"	8.5	28.0	150	500
3747VF	37 x 47	1 1/2"	8.0	30	175	500
5062VF	50 x 62	2"	6.5	25	245	400

* Tested at Standard Temp Condition, CP- Consult Plant



Imawrap®

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

Imawrap® is platinum cured silicone hose reinforced with SS 316L helical wire and 2-3 layers of polyester fabric wrapping. **Imawrap®** is having multiple layers of high quality polyester fabric to enhance burst pressure rating. The product is suitable for high pressurized steam transfer application.

APPLICATION

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

CERTIFICATION

- ▲ Toxikon based E&L studies available on inner liner
- ▲ NSF-51 certification on resin liner
- ▲ Conforms to US FDA 21 CFR 177.2600 Food Grade Standard
- ▲ Conforms to USP Class VI
- ▲ Conforms to ISO 10993
- ▲ RoHS, Free of Phthalate/ Bisphenol/Volatile Plasticizer, TSE/BSE Certification
- ▲ Complete validation package available upon request

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

PART NO.	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
0613WP	6 x 13	1/4"	18.5	38.0	60	760
0916WP	9 x 16	11/32"	18.0	38.0	70	760
1220WP	12 x 20	1/2"	16.0	34.0	80	760
1624WP	16 x 24	5/8"	14.0	34.0	90	760
1927WP	19 x 27	3/4"	13.0	34.0	100	760
2535WP	25 x 35	1"	10.5	32.0	120	760
3242WP	32 x 42	1 1/4"	10.0	32.0	180	500
3747WP	37 x 47	1 1/2"	9.5	30.0	220	400
5062WP	50 x 62	2"	8.0	30.0	300	300
6476WP	64 x 76	2 1/2"	6.5	25.0	C/P	C/P
7587WP	75 x 87	3"	5.0	20.5	C/P	C/P
100112WP	100 x 112	4"	5.0	20.5	C/P	C/P
102112WP	102 x 112	4"	12.0	22.0	C/P	C/P

* Tested at Standard Temp Condition, CP- Consult Plant



PTFE Lined Hose with SS 304 Braiding Having Outermost Platinum Cured Silicone Cover

Imaflexxie® is PTFE tubing covered with SS 304 braid reinforcement having outer layer of platinum grade silicone. **Imaflexxie®** is having capacity to withstand high pressure along with greater chemical resistance. The product is having ultra smooth bore which enhances superior flow properties and least adhesion to particulates. The outer layer of silicone cover acts as insulation to high temperature and keeps outer surfaces dust free.

APPLICATION

- ▲ Pharmaceutical Processing
- ▲ Food Processing
- ▲ High Pressure Fluid Transfer
- ▲ High Temp. Fluid Transfer
- ▲ Cosmetic Industries

CERTIFICATION

- ▲ E&L studies available on inner liner
- ▲ Conforms to US FDA 21 CFR 177.2600 Food Grade Standard
- ▲ Conforms to USP Class VI
- ▲ RoHS, Free of Phthalate/ Bisphenol/Volatile Plasticizer, TSE/BSE Certification
- ▲ Complete validation package available upon request

KEY FEATURES

- ▲ Excellent chemical resistance
- ▲ Permits easy cleaning
- ▲ Smooth silicone cover provides safety to operator while handling high temperature.
- ▲ Prevents operator from injury due to "Frayed" SS Braids.
- ▲ Lot traceable
- ▲ Available with SS 316L Tri-Clovers end having RA value ≤ 0.5 at Bore
- ▲ Sterilizable by Autoclave

PART NO.	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
0613FX	6 x 13	1/4"	125	375	80	NA
0916FX	9 x 16	11/32"	100	300	130	NA
1220FX	12 x 20	1/2"	90	270	170	NA
1624FX	16 x 24	5/8"	80	240	200	NA
1927FX	19 x 27	3/4"	50	150	220	NA
2535FX	25 x 35	1"	40	120	350	NA
3242FX	32 x 42	1 1/4"	35	105	400	NA
3747FX	37 x 47	1 1/2"	35	105	CP	NA
5062FX	50 x 62	2"	30	90	CP	NA

* Tested at Standard Temp Condition, CP- Consult Plant



Imaweld® TPE Braided Tubing

A Solution for Bioprocessing Applications

Imaweld® Braided Tubing is an ultra-flexible, high-purity tubing developed for use in applications where a thermoplastic tube is desired, but the pressure requirements exceed those allowable by a non-reinforced thermoplastic material. Imaweld® Braided Tubing is manufactured and packed in clean room of ISO Class 7 with our Imaweld® formulation, Animal derived component free (ADCF) resin and reinforced with polyester braid.

CHARACTERISTICS

We offer multiple braided tubing options of thermoplastic elastomers. These are offered in a wide range of internal and outer diameters to meet the process requirements. The manufacturing process is carried out in clean room with cautiously controlled from raw material to finished product manufactured.

FEATURES/BENEFITS

- ▲ Biopharmaceutical grade
- ▲ Higher burst pressure compared to non-braided tubing.
- ▲ Ultra flexible, improved bend radius over non-braided tubing.
- ▲ Autoclavable and gamma sterilizable.
- ▲ Temperature range -40°C to 135°C.
- ▲ Kink resistant.
- ▲ Excellent acid and alkali resistance.
- ▲ BPOG Extractable study report available.
- ▲ Quick Delivery Support.
- ▲ Available with sanitary Tri-Clover fitting

COMPLIANCE & CERTIFICATIONS

- ▲ ISO 10993-5 (Cytotoxicity, in vitro)
- ▲ ISO 10993-3 (Genotoxicity)
- ▲ ISO 10993-4 (Hemolysis)
- ▲ ISO 10993-11 (Systemic toxicity, in vivo)
- ▲ USP Class VI
- ▲ USP Class 87
- ▲ FDA 21 CFR 177.2600
- ▲ Phthalate free
- ▲ ROHS Compliant
- ▲ Extractable & Leachable Study

Size Chart

Part No.	ID in Inch (mm)	OD in Inch (mm)	Working Pressure (in Bar)	Minimum bend radius (in mm)	Coil length (in feet)
06-13-IWB	0.237(6)	0.512(13)	7.58	38	25
09-16-IWB	0.354(9)	0.63(16)	5.5	63.5	25
12-20-IWB	0.472(12)	0.787(20)	8.96	76	25
16-24-IWB	0.629(16)	0.944(24)	7.58	100	15
19-29-IWB	0.748(19)	1.106(29)	7.58	140	15

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.

- ▲ Hydro Tested
 - ▲ Air Tested
 - ▲ Vacuum Tested
- 
- Leak Proof Tri-Clover Fittings

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

SILICONE MOLDED MANDRILL BUILT HOSE:

- ▲ Variety of silicone hoses available for pharma, food, beverages & biotech application
- ▲ Having smooth inner layer due to excellent surface on mandrill
- ▲ Customized length available with sharp bend angle
- ▲ Applicable for coolant hose, radiator hose
- ▲ High mechanical properties for durable performance



Value Added to Silicone Hose

- ▲ **Color Coded Hose:**
Silicone hose like **Imafit**® is available with variety of color lining on outermost surface for identification.
- ▲ **Laser Printing on Tri-Clovers for Lot Identification:**
Customized printing can be done like name of fluid, lot no., equipment no. can be printed on Tri-Clovers
- ▲ **Colored Outer Layered Hose:**
Silicone hose outermost layer can be color coded for identification purpose.
- ▲ **Sandwich Printing Technology:**
Fine layer of platinum silicone is applied over printed hose. It is permanent method of printing which avoids direct contact of ink.
- ▲ **Silicone Bend Hose:**
- ▲ **Silicone hose Available with Outer SS 304 covering**
- ▲ **Double polyester braided silicone Hose for extra reinforcement**





Imaseal®

Silicone Inflatable Seals & Gaskets

Imaseal® is made from advance grade silicone rubber conforms to FDA 21 CFR 177.2600 for food grade criteria suitable for various sealing applications. These inflatable seals starts inflation range from 5mm to 20mm when 2-3 BAR pressure is applied after installation in door. **Available with Static Dissipative Formulation (10^7 to $10^9 \Omega\text{-cm}$).**

CERTIFICATION

- Food Grade Certificate (Conforms to FDA 21 CFR)
- Laboratory Test Report
- TSE/BSE Free Certificate
- Phthalate Free Certificate

APPLICATION

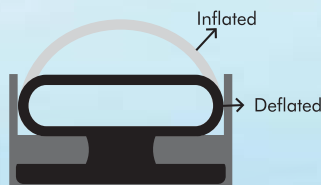
- Fluid Bed Dryers/Processors/Coaters
- Autoclaves, Sterilizers
- Isolators, Glove Box
- Furnaces
- Rapid Mixer Granulators
- Nuclear Door Seals
- Robotics and Fluid Sealing
- Airlock Door Seals
- Powder and Bulk Solid Handling Machineries
- Electronic/Wafer Semiconductor Processing

APPLICABLE INDUSTRIES

- Pharmaceuticals
- Biotech
- Food Process
- Engineering
- Defence
- Aerospace

SPECIALITY

- Fastest Delivery
- Customization
- Diameter Range starts from 100mm
- Ultimate Service





Imaclamp®

Tri-Clover Gaskets (Silicone/FKM/EPDM/PTFE)

CHARACTERISTICS

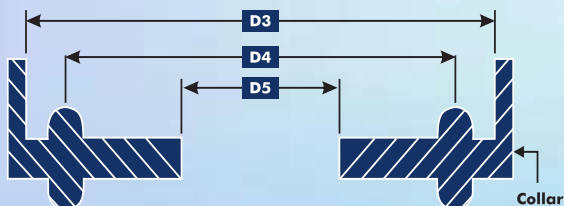
- ▲ Made from platinum cured silicone resin, FKM and EPDM.
- ▲ Conforms to FDA 21 CFR.177.2600.
- ▲ Conforms to USP Class VI requirements.
- ▲ Animal derived ingredient free.
- ▲ **Imaclamp®** is available with collar for better grip and also without collar.
- ▲ Available in red/orange/white and transparent colors.

TYPES

- ▲ Standard Tri-Clover Gaskets
- ▲ Tri-Clover Gasket with SS Mesh
- ▲ PTFE Enveloped Gaskets
- ▲ Sensor Tri-Clover Gaskets
- ▲ Validation Tri-Clover Gaskets

STANDARD SIZE

NORMAL SIZE	D3	D4	D5
1/2"	34.0	27.5	10.9
1/2" A (Mini)	22.0	17.0	09.5
3/4"	34.0	27.5	15.4
1"	50.5	43.5	22.8
1 1/2"	50.5	43.5	35.8
2"	64.0	56.5	48.8
2 1/2"	77.5	70.5	60.5
3"	91.0	83.5	73.1
4"	118.0	110.0	96.0





Extruded Profile

Silicone/FKM/EPDM

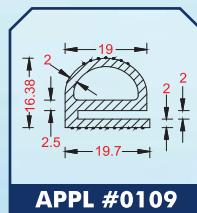
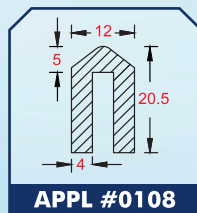
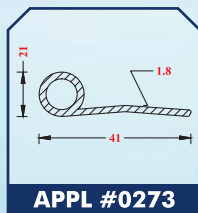
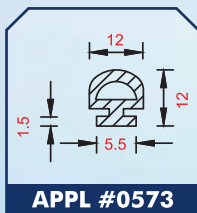
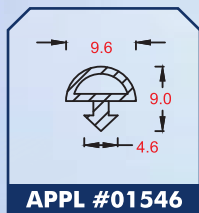
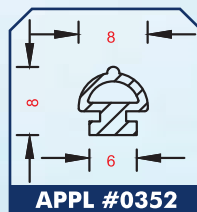
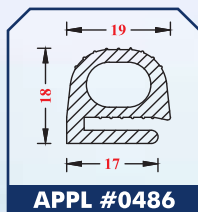
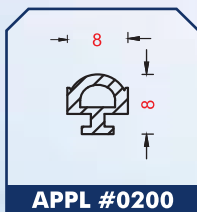
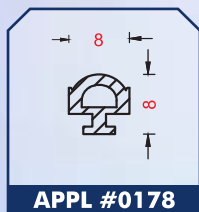
"We can also make the extruded door gaskets as per customers requirements"

APPL offers a wide range of silicone extruded door gaskets in more than 1000 different shapes and designs. (In round and square types). These extruded door gaskets (Autoclave) are made from food-pharma grade pure silicone rubber which can easily withstands a temperature range of -80°C to $+250^{\circ}\text{C}$.

APPL's extruded gaskets are available in square cross sections like $6\text{mm} \times 6\text{mm}$, $8\text{mm} \times 8\text{mm}$, $10\text{mm} \times 10\text{mm}$, $20\text{mm} \times 20\text{mm}$, $25\text{mm} \times 25\text{mm}$ etc. with OR without hollow. These gaskets are available in red, white, orange or any color as per customer's requirement. We also undertake small and bulk order for these gaskets from 25 Mtrs to 25000 Mtrs. These extruded gaskets are manufactured from fully automatic microwave continuous curing system which ensures accurate dimensional properties, glossy surface finishes and aesthetically beautiful colors.

OUR EXTRUDED PROFILE/GASKETS USE IN

- ▲ Clean Room Doors
- ▲ Telecom Shelters
- ▲ Bakery Ovens
- ▲ Freeze Doors
- ▲ Air Tight Door Seal Application
- ▲ Pharmaceuticals Processing Machine's Door
- ▲ Autoclaves, Isolators and Dry Heat Sterilizers



Send us mail for more extruded profile design and detail at info@amipolymer.com



Metal Reinforced Extruded Profiles

Silicone/EPDM

We are specialises in high-quality, custom-made metal reinforced **Silicone/EPDM** profiles, which conform to all the main pharmaceutical, medical & food grade standards demanded in the global sector.

In addition to custom-made profiles, we also have several standard profiles that customers are free to utilise in their different products/projects. Our metal reinforced **Silicone/EPDM** profiles are used in a wide range of applications ranging from windows, door systems, ceilings, floors and many more.

These profiles is available in either continuous metres or as complete vulcanized frames and rings. These profiles are not only quick and easy to install, but they are also safe and reliable. The metal reinforcement inside the profile is a reliable way of fixing a profile to an end product without the need for tape, adhesive or a separate fixing plate or profile.

CHARACTERISTICS

- ▲ Manufactured and packaged in dust free environment of facility audited by **TUV Nord**.
- ▲ Temperature resistance -80°C to +230°C.
- ▲ Available with SS 316 & SS 316L
- ▲ Available in custom size & design
- ▲ EPDM has excellent resistance to weather

COMPLIANCE & CERTIFICATIONS

- ▲ FDA 21 CFR 177.2600
- ▲ BPA free
- ▲ ROHS Compliant
- ▲ PHTHALATE FREE
- ▲ TSE / BSE FREE

Send us mail for more extruded profile design and detail at info@amipolymer.com



Self Adhesive Profiles

Silicone/EPDM

Self adhesive strip plays a crucial part in sealing and spacing throughout a multitude of different industrial sectors. Strips that are manufactured from EPDM make ideal seals against any ingress of water or air. Self adhesive strip have a closed cell structure and therefore don't allow any liquid, gases or air to pass through them, creating a perfect airtight seal on you products. The compression of the EPDM base material allows for uneven surfaces to be securely sealed once clamped down onto. EPDM has excellent resistance to UV and ozone and therefore is widely used in external applications when parts will be subject to weathering. EPDM is a relatively cheap sponge material choice making it a cost effective solution to most sealing application.

ADVANTAGE OF EPDM SELF ADHESIVE STRIP

Easy to install, just peel off the self adhesive backing. The adhesive backing tape used is not fully resistance to water, therefore where there is a large amount of moisture or water present; it is advisable to use plain expanded EPDM and a good conduct adhesive. EPDM provide excellent resistance against oil, acid, alkalis and has good weathering against heat and ozone.

Cords, Strips & Gaskets

Silicone/FKM/EPDM



APPL offers a wide range of cords in silicone rubber ranging from 0.5 mm to 50 mm in square and round sections. These cords are manufactured by step molding process as well as from microwave continuous curing system depending upon the customers requirements. Both of these processes are well advanced and technologically innovate in which, the accurate dimensions, excellent finish and consistent physical properties are maintained throughout the length.



O-Rings

(Silicone/FKM/EPDM/Neoprene/Nitrile)

APPL offers its wide range of O-Rings from 1.0 mm ID to 600 mm ID from its 5000 single piece moulds. APPL's O-Rings are manufactured on a hydraulic press with tightly controlled temperature, pressure and time which ensures accurate dimensions, glossy finish and invisible flash line, properly post cured and absolutely defect free particles. These O-Rings are also manufactured as per the dimensional tolerance specified by the customers and available from Nitrile, Neoprene, Silicone, EPDM, NBR, and FKM or in any other rubber as per customer's specification.

APPLICATION

- ▲ Filter Housings
- ▲ Membrane Filter Holder
- ▲ Heat Exchangers
- ▲ RMG Discharge Port
- ▲ Pneumatic Cylinders
- ▲ Spray Guns
- ▲ Other Sealing Applications

FEP Encapsulated O-Rings

(Silicone/FKM/EPDM/Neoprene/Nitrile)

APPL's Silicone, FKM and EPDM Encapsulated O-Rings with FEP encapsulation are designed to address the growing problem of sealing in the most hostile chemical and temperature environments. It combines the best qualities of FEP material on the outside with its chemical inertness and an elastomer on the inside for resilience. This unique combination forms a highly effective, long lasting seal for the most demanding applications. This O-Rings are comprised of FEP over Silicone, FKM or EPDM and can be used in temperatures from -75°F to +400°F (-60°C to +205°C) depending upon the choice of elastomer core.

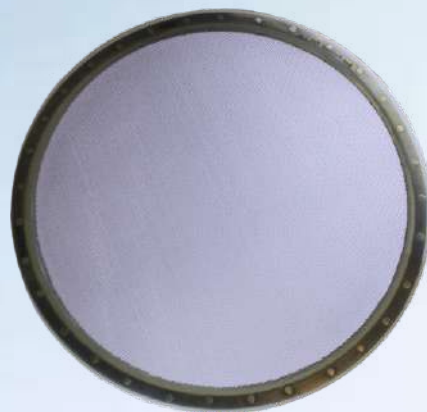
Why are Encapsulated O-Rings needed?

There are certain applications which prohibit the use of conventional rubber O-Ring seals. The use of hostile chemicals or extreme temperature (both high and low) during various processes can make effective sealing very difficult. The main advantage encapsulated O-Rings have over solid P.T.F.E. is that it has the chemical inertness whilst with its energising core, the O-Ring returns to its original form.

APPLICATION

- ▲ Agitated Natsch Filter Dryer (ANFD)
- ▲ Reactors
- ▲ Solvent Container Lid
- ▲ Centrifuge Lid





Silicone Molded Sifter Sieves

A sieve or sifter, is a device for separating wanted elements from unwanted material or for characterizing the particle size distribution of a sample, typically using a woven screen such as a mesh.

Sifting is mainly used in two areas, check screening of raw material to remove extraneous material and sizing to sort, segregate or control the particle size distribution of powders and granules. Sifting is mainly achieved by used of vibratory, rotary and centrifugal screeners.

CHARACTERISTICS

- ▲ Crevice Free GMP Design
- ▲ Super Tight Finish
- ▲ Toxicology Tested
- ▲ Certified as per International Standards
- ▲ Available in SS 316 Quality
- ▲ Available in 200mm dia to 1220mm dia (For regular sifter sieve)
- ▲ Available in 610mm (24") dia to 1200mm (48") dia (for Z type sifter sieve)
- ▲ Wire Mesh sizes available from 4# to 400# as per all international standards
- ▲ Available in Silicone transparent, Silicone White and Static Dissipative Rubber

Z Type Sifter Sieves



FBD, FBP & FBE Sieves



- ▲ Crevice Free GMP Design
- ▲ Certified as per International Standards
- ▲ Available in SS 316 Quality
- ▲ Available in 200mm dia to 1500mm dia
- ▲ Wire Mesh sizes available from 20 micron to 125micron as per all international standards
- ▲ Available in Silicone transparent, Silicone White and Static Dissipative Rubber

Screen for Cone-mills, Comminuting Mills, Multimill, Oscillating Granulator



CONE MILLS/COMILLS



MULTIMILLS



COMMINUTING MILLS



OSCILLATING GRANULATOR

- ✦ **MOC : Stainless Steel-316 and 316-L Quality.**
- ✦ **Aperture sizes available from 200 microns to 20mm.**
- ✦ **Aperture shape available in Round, Square, Grater, Oblong Slotted, Herring Bone, Hexagonal.**
- ✦ **Standards : ASTM E-674, ASTM E-454.**
- ✦ **Design : GMP Quality.**
- ✦ **Special Designs : For processes like De-lumping, Wet Milling, Dry Milling, Sizing of Granules.**
- ✦ **Special Sieves : For handling Very Hard Material, Fine Milling and Fibrous Material.**
- ✦ **Sieves suitable for various International and Indian Machine Manufacturers.**
- ✦ **Sieves can be tailor made to your specifications.**
- ✦ **Laser printing for lot identification.**

Note - Our sieves suitable for Sweco, Russell, Pennwalt sifters and all Indian machine manufacturers. Sieves can be tailor made to your specifications.

*Sweco is a business unit of M.I.LLC which is not in any way affiliated with Ami Polymer Pvt Ltd.

*Pennwalt is not in any way affiliated with Ami Polymer Pvt Ltd.

*Quadro, Glatt, GEA, Cronimo, Kemutec, Frewitt (Coniwitt) are not in any way affiliated with Ami Polymer Pvt. Ltd.



Silicone Sleeves for Corona Treater

APPL's di-electric 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. **APPL's** silicone sleeves are produced specifically as an electrical dielectric sleeve and is manufactured to extremely close tolerance, ensuring reliable and consistent corona treatment performance.

APPL's sleeves are available in the sizes 50 mm (2"), 75 mm (3") and 98 mm (4") nominal diameters. If you have another treater roll diameter, please ask because we are sure that we can supply a sleeve to fit your requirement.

STANDARD SIZE

ROLLER DIAMETER	ID	WALL THICKNESS
2" - 50MM	48	3
2.5" - 60MM	58	3
3" - 76 MM	72	3
4" - 100MM	98	3
5" - 125MM	120	3
6" - 150MM	146	3
8" - 200 MM	190	3

PROPERTY	UNIT
Hardness	60 \pm 5 Shore A
Di-Electric Strength	22 KV / mm
Temperature Range	-80°C to +250°C
Tensile Strength	250 % Min.
Colors	Translucent, Red, Orange, Skyblue, Blue

Silicone Autoclave Gaskets



FEATURE

- ▲ Autoclave Gaskets are available for Steam Sterilizer and Dry Heat Sterilizer
- ▲ Autoclave Gasket are also available as Inflatable Gasket.
- ▲ Excellent joint finishing from European technology of manufacturing.



Silicone Diaphragms

Food/Pharma grade, platinum cured silicone is widely accepted in pharmaceutical and 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.

FEATURES & BENEFITS

- ▲ All diaphragms meet USP VI standard and are FDA CFR 177.2600 compliant
- ▲ Meets the standards for quality, purity, lack of toxicity, strength and consistency
- ▲ Suitable for biomedical/pharma application

TYPES

- ▲ Flush Bottom Valves
- ▲ Zero Dead Le9 Valves
- ▲ Diaphragms Valves
- ▲ Pressure Regulation
- ▲ Back Pressure Valves

Rubber Sheets

(Silicone/FKM/EPDM/Neoprene)

APPL's high quality silicone sheets conforms to FDA 21 CFR 177.2600 grade. These sheets are processed in high-pressure hydraulic moulding machines by accurately controlling the temperature and pressure, which ensures uniform physical properties of the sheets. **APPL's** silicone sheets are available in white, red or orange or in any other colors as per the requirement of the customers.

RUBBER SHEET STANDARD SIZES

MOC	MIN THICKNESS	MAX THICKNESS
1 FEET X 1 FEET		
SILICONE	1MM	20MM
FKM/VITON®	2MM	12MM
SILICONE SPONGE	3MM	12MM
2 FEET X 2 FEET		
SILICONE	2MM	12MM
FKM/VITON®	2MM	12MM
SILICONE SPONGE	3MM	12MM
1 METER X 1 METER		
SILICONE	1MM	12MM
FKM/VITON®	2MM	12MM
1 METER X 10 METER		
SILICONE	1MM	6MM
1.2 METER X 10 METER		
SILICONE	1MM	6MM





Imasafe™ Reusable Menstrual Cup

Imasafe Menstrual Cup : Is a menstrual hygiene device which is inserted into the vagina during menstruation. Its purpose is to collect menstrual fluid.

A menstrual cup is a type of reusable feminine hygiene device. It's a small, flexible funnel-shaped cup made of 100% medical grade liquid silicone rubber that you insert into your vagina to catch and collect period fluid.

FEATURES

- ▲ **Size:** Imasafe™ Reusable Menstrual Cup comes in 3 different sizes: Small (15ml), Medium (25 ml), and Large (30 ml)
- ▲ **Stem:** It helps you to find the cup once you're ready to remove it
- ▲ **Air holes:** It helps the cup stay suctioned inside the body to prevent the leak
- ▲ **Ridges:** For easy grip and secure removal
- ▲ **Smoother Rim:** It is flexible and helps the cup in easier insertion and open up once it's inside
- ▲ **Appearance/Colors:** It comes in six different colors: Transparent, Purple, Aqua Green, Pink, Red and Black
- ▲ **Self-Life:** 5 years

TECHNICAL SPECIFICATION

- ▲ 100% medical grade liquid silicone rubber
- ▲ Manufacture in clean room ISO class VII
- ▲ Tested by highly qualified Rubber Technologists and Engineers
- ▲ Advance R&D facility lab

ADVANTAGES

- ▲ Safer than pads & tampons
- ▲ Budget-friendly & Eco-friendly
- ▲ Holds more blood
- ▲ No leakage, No odor, No infection & rashes
- ▲ You can leave it in for 8 hours

OUR STRENGTH

- ▲ Manufactured in clean room ISO class VII facility
- ▲ Fastest delivery with high quality product
- ▲ USA & EUROPE Certified product
- ▲ We are open for private labeling

COMPLIANCE & CERTIFICATIONS

- | | | |
|------------------------------------|------------------|---------------|
| ▲ European Conformity | ▲ ROHS Compliant | ▲ ISO 10993-5 |
| ▲ FDA 21CFR 177.2600 | ▲ BPA free | |
| ▲ ISO 10993-10 | ▲ TSE / BSE FREE | |
| ▲ ISO 13485 Certified | ▲ PHTHALATE FREE | |
| ▲ Vaginal Membrane Irritation Test | ▲ USP CLASS VI | |
| ▲ SVHC Tested | ▲ ISO 10993-4 | |



Imastopper™

Platinum Cured Silicone Stopper (NSF-51 Certified silicone resin, USP class VI & ISO 10993 Biocompatibility study on our Product)

APPL's Platinum cured silicone rubber stoppers/closures meets regulatory market requirement. Our stoppers are the ultimate way to prevent material loss and keep the valuable drug contamination free from atmosphere condition, which makes it useful in labs, pharma segments and its derivative segments. With excellent feasibility covering wide range of Pharmaceuticals ingredients and intermediates.

Food & Pharma grade silicone stoppers are accessible on your fingertips in tailor made design and colors for diversified applications with advantage of Autoclavable and Sterilizable with superior crack resistance, It also easy to put customized shapes multiple throughout openings in solid cork, excellent traction and smooth persuasive color coding on demand

APPLICATION

APPL silicone stoppers provide solution to Biopharma, Pharmaceutical, Biomedical, Cosmetic, and Food industries.

- ▲ To prevent the liquid chemical leaks or escape the container in Laboratories
- ▲ Drug packaging vessels
- ▲ Process storage Procedures
- ▲ Single use assembly (Manifolds)
- ▲ Carboys and vessels
- ▲ Filtration Flask
- ▲ Sampling

COMPLIANCE & CERTIFICATIONS

- ▲ FDA 21 CFR 177.2600
- ▲ ISO 10993-3
- ▲ ISO 10993-10
- ▲ ISO 10993-5
- ▲ USP CLASS 87
- ▲ ISO 10993-4
- ▲ GERMAN BFR XV
- ▲ ROHS Compliant
- ▲ USP CLASS VI
- ▲ TSE / BSE FREE
- ▲ FRANCE ARRETE DU 25
- ▲ European Pharmacopoeia E.P.3.1.9
- ▲ PHTHALATE FREE

Sr No	BD (mm)	TD (mm)	HT (mm)
1	8.9	13.4	21
2	10.7	15	25
3	13.2	17	25
4	14.9	19.7	24.5
5	16.2	19.7	25
6	18.4	24	25
7	19.8	26	25
8	22.6	26.7	25
9	26.4	32	23
10	28.3	36.6	24
11	33.2	41	25





T PARTITION GASKETS



PARTITION GASKETS



SILICONE HOPPER GASKETS



SILICONE TIRES/BANDS



SILICONE TIPS



MEDICAL & SURGICAL COMPONENTS



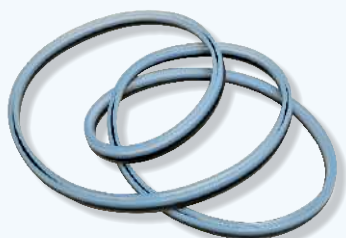
SILICONE DUST CUP (D & B TOOLING)



SILICONE MOUTHPIECE



SILICONE SUCTION CUP



ANTISTATIC GASKET



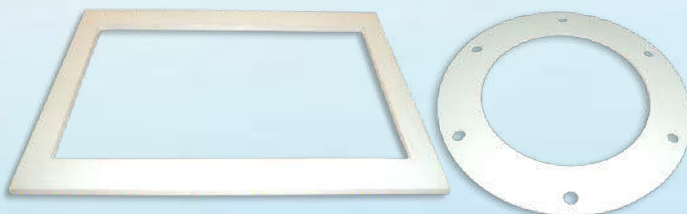
BELLOW FOR ISOLATOR



**BUTTERFLY VALVES GASKETS
IN SILICONE/FKM/EPDM**



SILICONE CORK



SILICONE WASHER

Few of Our Prestigious Clients



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China
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Japan
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Kenya
Malaysia

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Ami Polymer Pvt. Ltd.

"Sealing Expert in Silicone"

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