

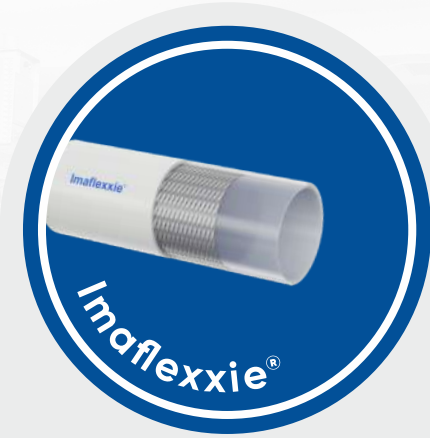


Ami Polymer

Enabling Healthcare

TUBING | HOSES | SINGLE USE ASSEMBLIES & BAGS | FILTERS | FILMS | GASKETS & BELLOWS | INFLATABLE SEALS | MEDICAL

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



REINFORCED HOSES CATALOGUE





About Us

Since 1998, APPL is in the business of Silicone Elastomeric product 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.

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

Certification and Compliance



EMS



QMS



ISMS



OH&S



MDQMS



PPMFMP



CDSCO



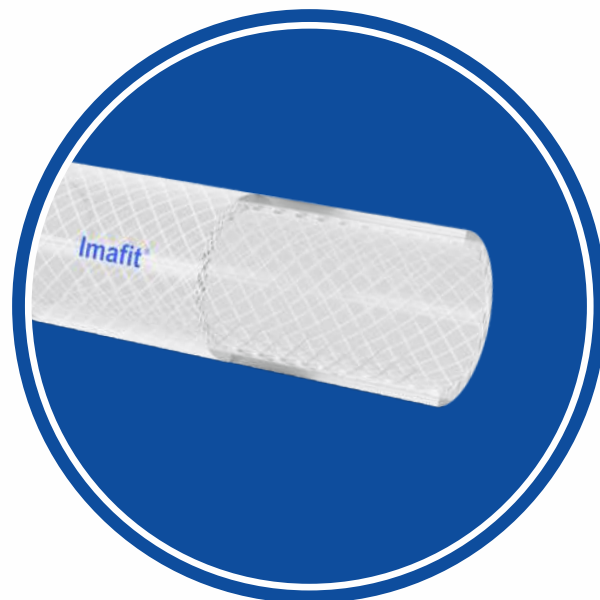
Our Strengths

- Expanding manufacturing capacity by adding a new world-class manufacturing facility with a total area of 2,50,000 sq. ft. (including 60,000 sq. ft. of clean room) located in Kala, Dadra Nagar Haveli & Daman and Diu.
- 25+ registered brands with Global global sales footprint in 50+ countries
- A dedicated strength of 600+ employees, which includes qualified polymer technologists, biotechnologists, engineers, and management professionals
- Excellence in manufacturing process through world-class extrusion, molding, and tooling facilities
- Quick development of customized single-use manifolds and bag assemblies
- Dedicated research facility with the latest laboratory equipment and devices.
- A world-class hose crimping and hydrotesting facility ensures leak-proof performance.
- Laser-controlled extrusion system for accurate dimensions of tubing and profiles
- In-house tool designing capabilities through advanced CMC and VMC machines
- Awarded in Asia-Pacific Bioprocessing Excellence Awards-2023 for the Best Bioprocessing Supplier: Single-Use Consumables
- DMF #26201, 32560, 32558, 32556, 32559, 32561 & 32549 (Drug Master File) for manufacturing of tubes and hoses accredited by USFDA
- Clean Room of a Class 10000 Certified Facility
- NSF-51 Certification on Platinum Cured Silicone Resin (84% of the standards of the USFDA are derived from NSF)
- BPOG standardized extractables test reports on single-use products
- 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-I from CRISIL
- Sound Infrastructure and Capabilities to Develop Tailor-Made Products as Per Customers' Requirements
- The most advanced, fully automatic microwave continuous curing system that ensures accurate dimensions Glossy Surface and Aesthetically Finished Profiles
- Successfully developed 5000+ customized products and have 3000+ satisfied customers globally.



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

- E&L studies available on the inner liner
- Conforms to US FDA 21 CFR 177.2600 Food grade Standard
- Conforms to USP Class VI
- Conforms to ISO 10993-1
- ROHS certified, free of restricted heavy metals
- Free of Phthalate/ Bisphenol/ Volatlc Plasticizer.
- TSE/BSE Certification (free of animal derived material)
- Complete validation package available upon request

KEY FEATURES

- Excellent flexibility
- Manufactured from low volatile grade silicone resin
- Imparts no taste and odor
- Lot traceable
- Temp -60°C TO 180°C
- Available with SS316 L Tri-clover end Fittings in required length
- Colored outer layer available
- Custom color coding available
- Sterilizable by Autoclave, Ethylene oxide gas & gamma Radiation

PART NO	Size in MM (ID x OD)	Size in Inch (ID)	Max Working Pressure IN (Bar) at 27°C	Min Burst Pressure IN (Bar) at 27°C	Min Bend Radius In (MM)
0613FT	6 x 13	¼"	10.0	30	50
0916FT	9 x 16	11/32"	9.0	27	50
1220FT	12 x 20	½"	7.0	21	80
1624FT	16 x 24	5/8"	7.0	21	90
1927FT	19 x 27	¾"	6.0	18	110
2535FT	25 x 35	1"	4.0	12	160
3242FT	32 x 42	1¼"	3.0	9	200
3850FT	38 x 50	1½"	2.5	8	C/P
5062FT	50x 62	"2"	2.0	6	C/P

*C/P - Consult Plant

Sandwich printing Technology in which fine layer of platinum cured silicone is applied over printed hose. It gives permanent print which avoids direct product contact.

Laser Etched hoses for permanent identification on outer surface of hoses. It is for ease of On-Product traceability.

Available with Nylon braid reinforcement on request
Maximum running length upto 1"- 20 mtr, and above 1"- 10 mtr

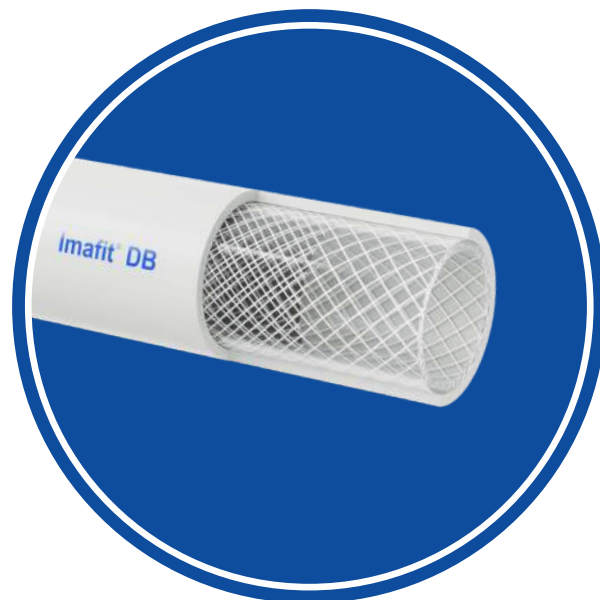
Available with bicolor coding strips or lining for color coding based product identification to avoid mixup while usage is on request.

Imafit® DB Hose

Silicone Platinum Cured Double Braided Polyester Hose

Double braided hose offers more flexibility and more pressure ratings than Imafit.

Technical Specification	
Temperature	-60° to +180°C
Braiding	Double braiding of Polyester Yarn
Outer Layer Appearance	White, Red, Orange, Blue as per request
Inner Bore	Translucent and smooth



APPLICATION

- Media bulk transfer
- Food dispensing
- High-pressure fluid transfer applications in pharma and biopharma industry
- Where vacuum is not required but high WP/BP is required.

CERTIFICATION

- Conforms to US FDA 21 CFR 177.2600 Food grade Standard
- Conforms to USP Class VI
- E&L studies available on the inner liner
- Conforms to USP Class VI
- Conforms to ISO 10993-1
- RoHS, free of phthalate / Bisphenol / Volatile Plasticizer, TSE/BSE Certification

KEY FEATURES

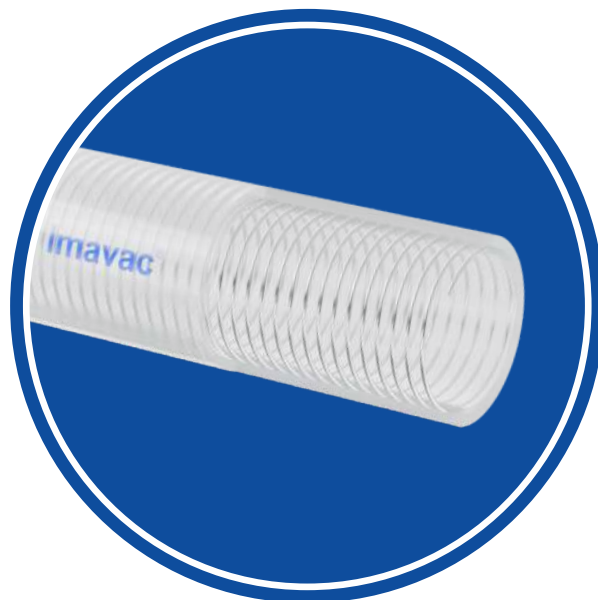
- Excellent flexibility
- Manufactured from low-volatile-grade silicone resin & available with SS 316L end fittings having RA value $\leq 0.5 \mu\text{m}$ at Bore
- A colored outer layer and custom color coding are available on request.
- Sterilizable by autoclave, ethylene oxide gas, and gamma radiation.
- Also available with Tri-clover fittings.

PART NO	Size in Inch (ID)	Size in MM (ID x OD)		Working Pressure (@27°C)	Burst Pressure (@27°C)	Bend Radius
				Bar	Bar	(MM.)
1270-2260-FT-DB	1/2"	12.70	22.60	22	66	70
1600-2700-FT-DB	5/8"	16.00	27.00	14	42	80
1905-2997-FT-DB	3/4"	19.05	29.97	13	39	85
2540-3632-FT-DB	1"	25.40	36.32	10	30	110
3200-4400-FT-DB	1 1/4"	32.00	44.00	8	24	200
3800-5400-FT-DB	1 1/2"	38.00	54.00	7	21	250

- Laser Etched hoses for permanent identification on outer periphery surface of hoses
- Available with SS 316L Tri clover fittings
- Maximum running length upto 1"- 20 mtr, and above 1"- 10 mtr

Platinum Cured Silicone Hose Reinforced With SS 316L Helical Wire

Imavac® is a platinum-cured silicone hose reinforced with SS 316L helical wire. It's give better kink resistance & good transparency to visualize flow. Imavac® is designed for high vacuum material transfer. The product is more superior compare to Imafit® in high-pressure & high -vacuum-rated applications It's comes with antistatic lines for antistatic application.



APPLICATION

- Pharmaceutical Processing
- Powder & fluid transfer
- High Vacuum applications
- Food Processing
- Load cell application
- Bulk transfer
- Biotechnology

CERTIFICATION

- E&L studies available on the inner liner
- Conforms to US FDA 21 CFR 177.2600 Food grade Standard
- Conforms to USP Class VI
- Conforms to ISO 10993-1
- ROHS certified, free of restricted heavy metals
- Free of Phthalate/ Bisphenol/ volatile Plasticizer.
- TSE/BSE Certification (free of animal derived material)
- 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 makes it suitable for Highly volatile flammable fluid transfer
- Imparts no taste and Odor
- Lot traceable
- Temp Range: -60°C to 180°C
- Available with SS316 L Tri-clover end having RA value ≤ 0.5 µm at Bore
- Sterilizable by Autoclave, Ethylene Oxide gas & gamma

PART NO	Size in MM (ID x OD)	Size in Inch (ID)	Max Working Pressure IN (Bar) at 27°C	Min Burst Pressure IN (Bar) at 27°C	Min Bend Radius In (MM)	VACUUM @ 70°F/27°C IN mm/Hg
0613VC	6x13	¼"	12.0	36	50	760
0916VC	9x16	11/32"	11.5	34.5	60	760
1220VC	12 x 20	½"	10.5	31.5	70	760
1624VC	16 x 24	5/8"	10.0	30	80	760
1927VC	19 x 27	¾"	8.5	25.5	90	760
2535VC	25 x 35	1"	8.5	25.5	125	760
3242VC	32 x 42	1¼"	8.0	24	140	600
3850VC	38 x 50	1½"	7.5	22.5	170	600
5062VC	50 x 62	2"	6.0	18	240	550
6476VC	64 x 76	2½"	4.0	12	C/P	500
7587VC	75 x 87	3"	3.0	9	C/P	400
100112VC	100x112	4"	2.0	6	C/P	400

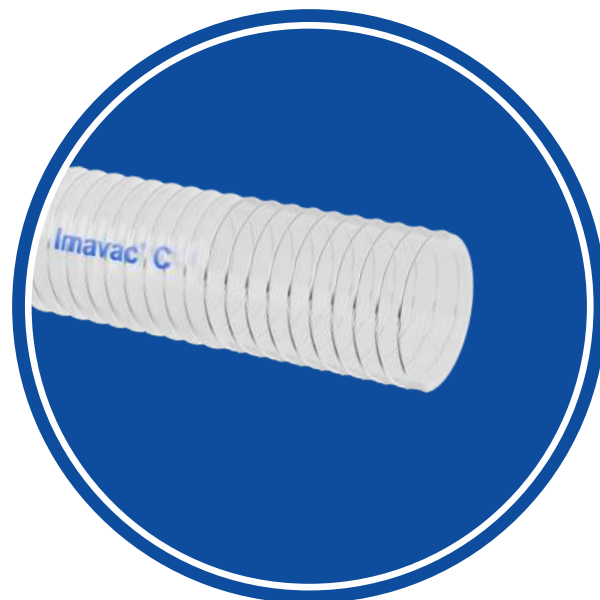
*C/P – Consult Plant

- Laser Etched hoses for permanent identification on outer periphery surface of hoses
- Sandwich printing Technology in which fine layer of platinum cured silicone is applied over printed hose. It gives permanent print which avoids direct product contact.
- Available with SS 316L Tri clover fittings
- Maximum running length upto 1"- 20 mtr, and above 1"- 10 mtr

Imavac® C

Platinum Cured Inner smooth bore Silicone Hose Reinforced with SS 316 Helical Wire

Imavac® C is inner smoothbore and outer convoluted platinum Cured silicone hose reinforced with SS 316L Helical wire. It is light weighted hose with better kink resistance and gives best vacuum ratings. The product is more superior compare to Imavac® in terms of bend radius. It is also used for antistatic application.



APPLICATION

- Pharmaceutical Processing
- Powder & fluid transfer
- High Vacuum applications
- Food Processing
- Load cell application
- Bulk transfer
- Biotechnology

CERTIFICATION

- Conforms to US FDA 21 CFR 177.2600 Food grade Standard
- Conforms to USP Class VI
- Conforms to ISO 10993
- ROHS certified, free of restricted heavy metals
- Free of Phthalate/ Bisphenol/ Volatile Plasticizer.
- TSE/BSE Certification (free of animal derived material)
- Complete Validation package available upon request

KEY FEATURES

- High Kink resistance & Bend radius as compare to Imavac®
- Designed for high vacuum rating applications
- Having Antistatic properties to dissipate static electrical charge makes it suitable for highly volatile flammable fluid transfer
- Lot traceable
- Temp Range : -60 °C to 180°C
- Available with SS316 L Tri-clover end having RA value ≤ 0.5 µm at Bore
- Sterilizable by Autoclave, Ethylene oxide gas & gamma

PART NO	Size in MM (ID x THK)	Size in Inch (ID)	Max Working Pressure IN (Bar) at 27°C	Min Burst Pressure IN (Bar) at 27°C	Min Bend Radius In (MM)	VACUUM Hg @ 70°F/27°C IN (MM)
19 2.5VC - C	19 x 2.5	¾"	6.5	19.5	65	560
25 3VC - C	25 x 3	1"	6.5	19.5	90	560
32 3VC - C	32 x 3	1¼"	6	18	101.6	450
37 3VC - C	38 x 3	1½"	5.5	16.5	105	450
50 3.5VC - C	50 x 3.5	2"	4	12	155	350
64 3.5VC - C	64 x 3.5	2½"	3	9	C/P	300
75 3.5VC - C	75 x 3.5	3"	3	9	C/P	250
100 4VC - C	100 x 4	4"	2	6	C/P	250

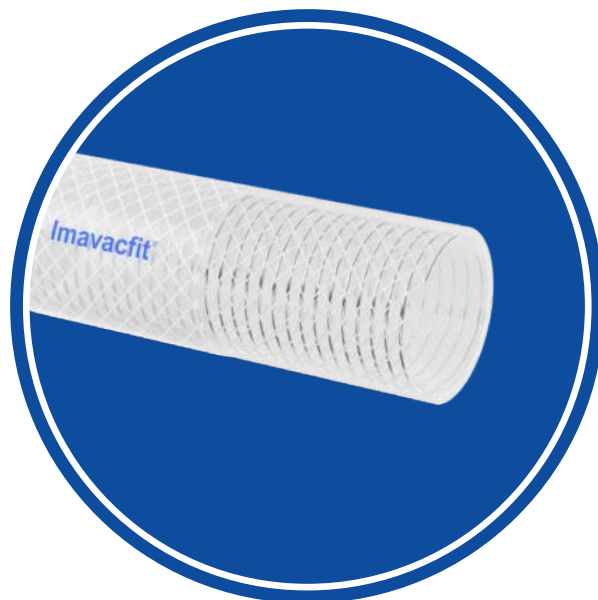
*C/P - Consult Plant

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.
- Maximum running length 10 mtr

Imavacfit®

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

Imavacfit® is a platinum-cured silicone hose reinforced with SS 316L helical wire and polyester braiding have 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 for 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

- E&L studies available on the inner liner
- Conforms to US FDA 21 CFR 177.2600 Food grade Standard
- Conforms to USP Class VI
- Conforms to ISO 10993
- ROHS certified, free of restricted heavy metals
- Free of Phthalate/ Bisphenol/ Volatile Plasticizer.
- TSE/BSE Certification (free of animal derived material)
- 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 makes it suitable for highly volatile flammable fluid transfer
- Imparts no taste and odor
- Lot traceable
- Temp Range -60°C to 180°C
- Available with SS316 L Tri-clover end having RA value ≤ 0.5 µm at Bore
- Sterilizable by Autoclave, Ethylene oxide gas & gamma Radiation

PART NO	Size in MM (ID x OD)	Size in Inch (ID)	Max Working Pressure IN (Bar) at 27°C	Min Burst Pressure IN (Bar) at 27°C	Min Bend Radius In (MM)	VACUUM Hg @ 70°F/27°C IN (MM)
0613VF	6x13	¼"	12.5	48.5	60	760
0916VF	9x16	11/32"	12.0	48.0	70	760
1220VF	12 x 20	½"	11.0	41.5	70	760
1624VF	16 x 24	5/8"	10.5	36	85	760
1927VF	19 x 27	¾"	9.0	34.5	95	760
2535VF	25 x 35	1"	8.5	34.5	140	760
3242VF	32 x42	1¼"	8.5	34.5	150	600
3850VF	38 x 50	1½"	7.5	32	175	600
5062VF	50 x 62	2"	6.5	28	245	550

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.
- Maximum running length upto 1"- 20 mtr, and above 1"- 10 mtr

Imawrap[®]

Platinum Cured Silicone reinforced with polyester fabric and SS 316L wire.

Imawrap[®] is a platinum-cured silicone hose reinforced with SS 316L helical wire and polyester fabric. Imawrap[®] has multiple layers of high-quality polyester fabric to enhance the burst pressure rating. The product is suitable for high-pressurized steam transfer applications in pharmaceuticals and biotech industries.



APPLICATION

- Pharmaceutical processing
- Food processing
- Load cell application
- CIP, WFI transfer application
- Bulk powder transfer
- Fermentations and bioreactors
- High pressurized Steam transfer application

CERTIFICATION

- E&L studies available on the inner liner
- Conforms to US FDA 21 CFR 177.2600 Food grade Standard
- Conforms to USP Class VI
- Conforms to ISO 10993-1
- ROHS certified, free of restricted heavy metals
- Free of Phthalate/ Bisphenol/ Volatile Plasticizer.
- Animal Origin Certification (free of animal derived material)
- 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 & kink resistance
- Imparts no taste and odor
- Lot traceable
- Temp Range:-60°C to 220°C
- Sterilizable by Autoclave, Ethyleneoxide gas & gamma Radiation

PART NO	Size in MM (ID x OD)	Size in Inch (ID)	Max Working Pressure IN (Bar) at 27°C	Min Burst Pressure IN (Bar) at 27°C	Min Bend Radius In (MM)	VACUUM Hg @ 70°F/27°C IN (MM)
0613WP	6x13	¼"	15.0	45	60	760
0916WP	9x16	11/32"	14.0	42	70	760
1220WP	12 x 20	½"	13.5	41	80	760
1624WP	16 x 24	5/8"	12.5	38	90	760
1927WP	19 x 27	¾"	11.5	35	100	760
2535WP	25 x 35	1"	10.5	32	120	760
3242WP	32 x 42	1¼"	10.0	30	180	500
3850WP	38 x 50	1½"	10.0	30	220	400
5062WP	50 x 62	2"	8.0	24	300	300
6476WP	64 x 76	2½"	6.0	18	350	C/P
7587WP	75 x 87	3"	5.0	15	C/P	C/P
100112WP	100x112	4"	5.0	15	C/P	C/P

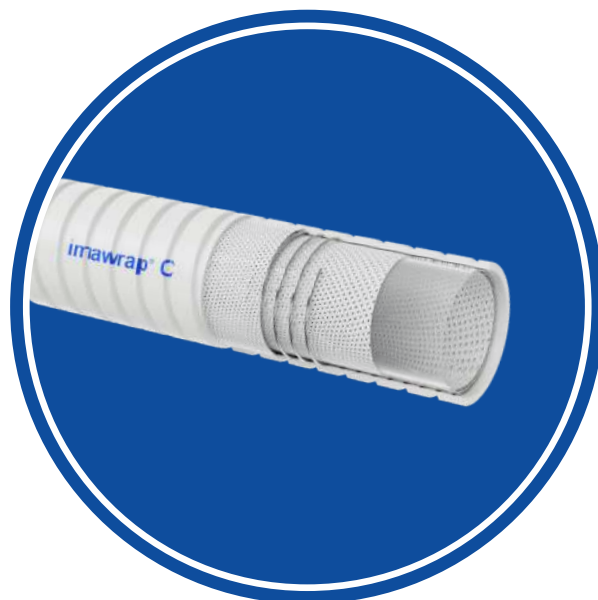
- Available with SS316 L Tri-clover end having RA value ≤ 0.5 µm at Bore
- Maximum running length 10 mtr

*C/P - Consult Plant

Imawrap® C

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

Imawrap® C is Inner Smoothbore and outer convoluted Platinum cured Silicone hose which is reinforced with SS 316L Helical wire and 4 Ply of polyester fabric. The product is suitable for high Kink Resistance & High pressurized Steam transfer application in pharmaceutical and biotech Industries.



APPLICATION

- Pharmaceutical processing
- Food processing
- Load cell application
- CIP, WFI transfer application
- Bulk powder transfer
- Cosmetic and such as ultrapure water transfer.
- High pressurized Steam transfer application

CERTIFICATION

- Conforms to US FDA 21 CFR 177.2600 Food grade Standard
- Conforms to USP Class VI
- Conforms to ISO 10993.1
- ROHS certified, free of restricted heavy metals
- Free of Phthalate/ Bisphenol/ Volatile Plasticizer.
- Animal Origin Certification (free of animal derived material)
- 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 & kink resistance
- Lot traceable
- Temp Range: -55°C to 220°C
- Available with SS316 L Tri-clover end having RA value ≤ 0.5 µm at Bore
- Sterilizable by Autoclave, Ethyleneoxide gas & gamma Radiation

PART NO	Size in MM (ID x OD)	Size in Inch (ID)	Max Working Pressure IN (Bar) at 27°C	Min Burst Pressure IN (Bar) at 27°C	Min Bend Radius In (MM)	VACUUM Hg @ 70°F/27°C IN (MM)
1222WP	12 x 22	½"	16.0	34	40	FULL
1628WP	16 x 28	5/8"	14.0	34	50	FULL
1930WP	19 x 30	¾"	13.0	34	60	FULL
2538WP	25 x 38	1"	10.5	32	90	FULL
3246WP	32 x 46	1¼"	10.0	32	90	500
3852WP	38 x 52	1½"	9.5	30	110	400
5064WP	50 x 64	2"	8.0	30	C/P	300
6478WP	64 x 78	2½"	6.5	25	C/P	C/P
7590WP	75 x 90	3"	5.0	20	C/P	C/P

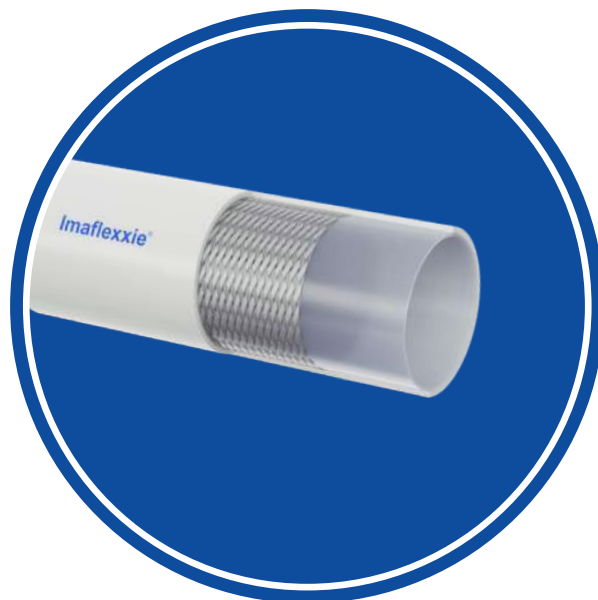
- Laser Etched hoses for permanent identification on outer periphery surface of hoses
- Available with SS 316L Tri clover fittings
- Maximum running length 10 mtr

*C/P – Consult Plant

Imaflexxie®

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

Imaflexxie® is PTFE tubing covered with SS 304 braid reinforcement with an outer layer of platinum-grade silicone. Imaflexxie® has the capacity to withstand high pressure along with greater chemical resistance. The product has an ultra-smooth bore, which enhances superior flow properties and the least adhesion to particulates. The outer layer of silicone covers acts as insulation at high temperatures and keeps the 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 the inner liner
- Conforms to the US FDA 21 CFR 177.1550 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
- Temperature up to 230° C
- Available with SS316 L Tri-clover end having RA value ≤ 0.5 µm at Bore
- Serializable by Autoclave

PART NO	Size in MM (ID x OD)	Size in Inch (ID)	Max Working Pressure IN (Bar) at 27°C	Min Burst Pressure IN (Bar) at 27°C	Min Bend Radius In (MM)
0613FX	6x13	¼"	125	375	80
0916FX	9x16	11/32"	100	300	130
1220FX	12 x 20	½"	90	270	170
1624FX	16 x 24	5/8"	80	240	200
1927FX	19x27	¾"	50	150	220
2535FX	25 x 35	1"	40	120	350
3242FX	32 x 42	1¼"	35	105	400
3850FX	38 x 50	1½"	35	105	C/P
5062FX	50 x 62	2"	30	90	C/P

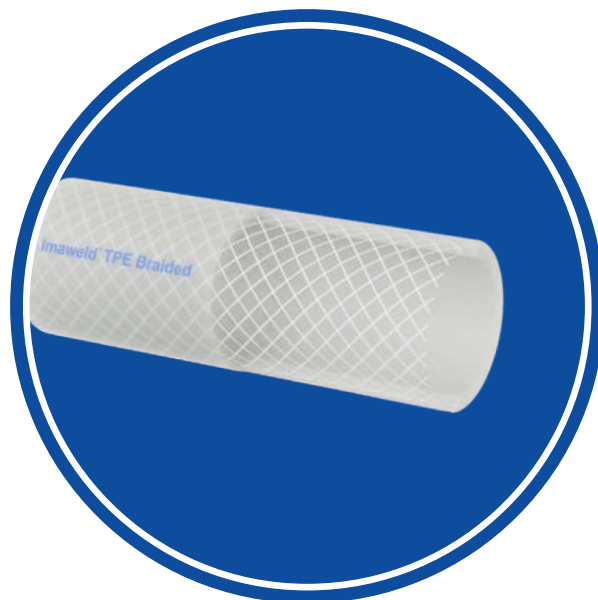
*C/P - Consult Plant

- Laser Etched hoses for permanent identification on outer periphery surface of hoses
- Available with SS 316L Tri clover fittings
- Maximum running length upto 1"- 15 mtr, and above 1"- 5 mtr

Imaweld® TPE Braided Tubing

A Solution for Bioprocessing Applications

Imaweld® TPE 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 a clean room in 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 made 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 the clean room with cautiously controlled from raw material to finished product manufactured.

FEATURES/BENEFITS

- A 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 is available.
- Quick Delivery Support
- Available with sanitary Tri-Clover fitting

COMPLIANCE & CERTIFICATIONS

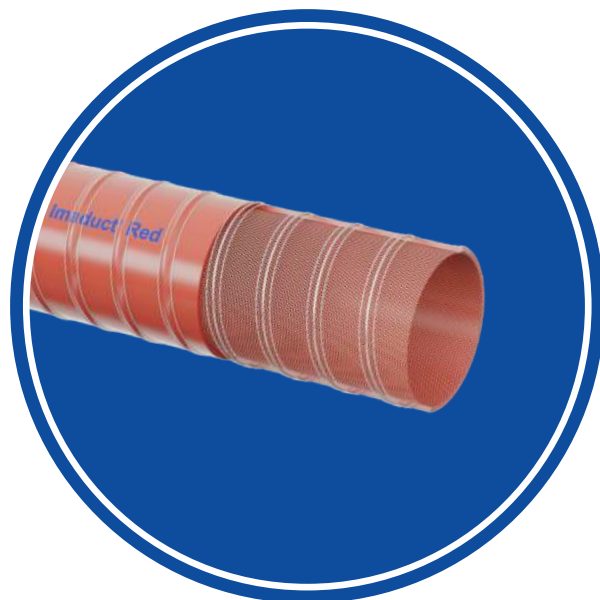
- ISO 10993-5 (cytotoxicity, in vitro)
- ISO 10993-4 (Hemolysis)
- ISO 10993-11 (systemic toxicity, in vivo)
- USP Class VI
- FDA 21 CFR 177.2600
- Phthalate free
- ROHS Compliant
- Extractable & Leachable Study

PART NO	Size in MM (ID x OD)	Size in Inch (ID)	Working Pressure (in Bar)	Minimum bend radius(in mm)	Coil length (in feet)
06-13-IWB	6x13	1/4"	7.58	38	25
09-16-1WB	9x16	11/32"	5.5	63.5	25
12-20-IWB	12 x 20	1/2"	8.96	76	25
16-24-IWB	16 x 24	5/8"	7.58	100	15
19-27-IWB	19x27	3/4"	7.58	140	15

- Maximum running length 15 mtr

Fibre Glass Fabric Wrapped Silicone Duct Hose

The flexible silicone ducting hose features a double-layer silicone-coated fiberglass construction, reinforced with spring steel wire for exceptional kink resistance. Its lightweight design ensures easy handling, making it ideal for demanding industrial applications. Hose is manufactured under clean room facility.



APPLICATION

- For Extraction of Hot Air for ceramic kilns.
- Suitable for its use in heating air place or helicopter cockpits.
- Ventilation and climate controlled any kind of vehicles.
- Hot Air Oven Exhaust.

CERTIFICATION

- ROHS Certificate, free from restricted heavy metals.

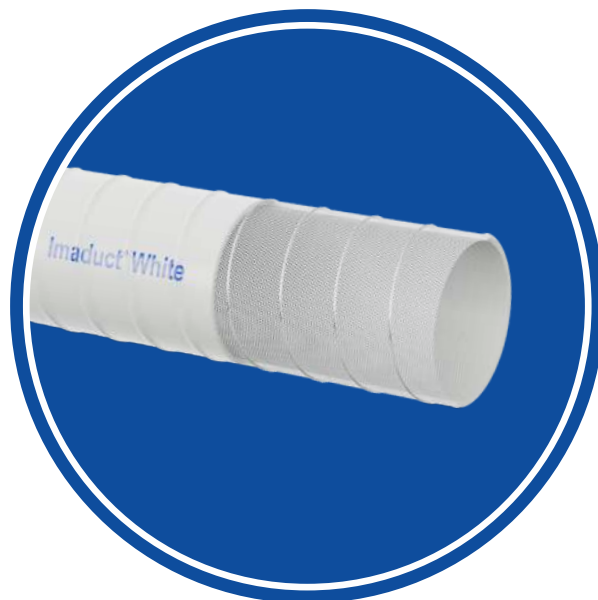
KEY FEATURES

- Silicone Duct Hose Suitable for a variety of gases such as hot air and fumes.
- Service Temperature range upto 250 °C.
- This silicone based duct hose small bending radius which makes hose highly flexible and give good kink resistance properties.

PART NO	Size in MM (ID x OD)	Inner Dia (IN)	Thickness (Inch/MM)	Maximum Working Pressure (Bar)	MIN BEND RADIUS IN (MM)	Length per roll (Mtr)
3843 IDH	38 X 43	1.5	2.5	2.6	64	10
5156 IDH	51 X 56	2.0	2.5	2.5	84	10
6368 IDH	63 X 68	2.5	2.5	2.3	102	10
7681 IDH	76 X 81	3.0	2.5	2.1	121	10
8994 IDH	89 X 94	3.5	2.5	2.0	141	6
102107 IDH	102 X 107	4.0	2.5	1.9	160	6
127133 IDH	127 X 133	5.0	3.0	1.5	199	4
152158 IDH	152 X 158	6.0	3.0	1.3	237	4

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

High-Performance Silicone Duct Hose Crafted from premium aramid fabric and silicone, this lightweight duct hose is reinforced with spring steel wire for enhanced durability. Engineered to withstand extreme temperatures, it is manufactured in a clean room environment to ensure superior quality and cleanliness.



APPLICATION

- Hose is idea for cleanroom applications and specially designed for applications with wide temp. range .
- Additionally it's manufactured with FDA acceptable material which makes this hose applicable to food and pharma industries.

CERTIFICATION

- Conforms to USFDA 21 CFR. 177.2600 Food Grade Standard.
- ROHS Certificate, free from restricted heavy metals.

KEY FEATURES

- Silicone Duct Hose Suitable for a verity of gases such as hot air and fumes.
- Service Temperature range: -300°C.
- This silicone based duct hose small bending radius which makes hose highly flexible and give good kink resistance properties.
- In ImaDuct® you can transfer many oils. solvent, ozone, water etc. at high temperature.

PART NO	Size in MM (ID x OD)	Inner Dia (In/ MM)	Outer Dia (In/ MM)	Thickness (Inch/MM)	Maximum Working Pressure (Bar)	MIN BEND RADIUS IN (MM)	Length per roll (Mtr)
3843 IDH	38 X 43	1.5/38	1.69 / 43	0.098 / 2.5	2.6	64	10
5156 IDH	51 X 56	2.0 / 51	2.20 / 56	0.098 / 2.5	2.5	84	10
6368 IDH	63 X 68	2.5 / 63	2.67 / 68	0.098 / 2.5	2.3	102	10
7681 IDH	76 X 81	3.0 /76	3.19 / 81	0.098 / 2.5	2.1	121	10
8994 IDH	89 X 94	3.5 /89	3.7 /94	0.098 / 2.5	2.0	141	6
102107 IDH	102 X 107	4.0 /102	4-21 / 107	0.098 / 2.5	1.9	160	6
127133 IDH	127 X 133	5.0/127	5.23 / 133	0.118 / 3.0	1.5	199	4
152158 IDH	152 x 158	6.0 / 152	6.22 / 158	0.118 / 3.0	1.3	237	4

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

ImaCondense

ImaCondense is an innovative material developed by Ami polymer, unique in the market with excellent anti-condensation and insulation characteristics. ImaCondense™ forms chemical bonds with the silicone material, which causes perfect adhesion between layers, completely eliminating the risk of detachment.



APPLICATION

- ImaCondense™ has the best thermal insulation and a low thermal conductivity for improved efficiency. It eliminates condensation problems on cold surfaces.
- It is suitable for very cold or frozen liquids and semi liquids in the food, pharmaceutical and biotech industries, Cosmetic industries. It also helps to maintain the product temperatures inside the hose.

CERTIFICATION

- E&L studies available on the inner liner
- Conforms to the US FDA 21 CFR 177.2600 Food Grade Standard
- Conforms to USP Class VI & ISO 10993-1
- RoHS, free of phthalate / Bisphenol Volatile Plasticizer, TSE/BSE Certification
- Complete validation package available upon request.

KEY FEATURES

- Temperature range : -55°C to 230°C
- Outer layer: Anti-condensation insulating material
- Maximum Durability Resistant to wear and tear, ensuring long lasting performance.
- Easy to Installed and adaptable to.

PART NO	Size in MM (ID x OD)	Inner Dia (In/ MM)	Minimum Wall Thickness (in MM)	Maximum working pressure (in Bar)	Minimum Bursting pressure (in Bar)	Bending Radius (in mm)
AC9.0 29.0	9.0 × 29	0.35 / 9.0	10	14	42	100
AC12.0 33.0	12.0 × 33.0	0.47 / 12.0	10.5	13.5	41	100
AC16.0 37.0	16.0 × 37.0	0.63 / 16.0	10.5	12.5	38	120
AC19.0 40.0	19.0 X 40.0	0.75 / 19.0	10.5	11.5	34	130
AC25.0 48.0	25.0 × 48.0	1.0 / 25.0	11.5	10.5	32	220
AC32.0 55.0	32.0 X 55.0	1.25 / 32.0	11.5	10	30	250
AC38.0 63.0	38.0 × 63.0	1.5 / 38.0	12.5	10	30	280

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

Molded Silicone Clamps

Molded silicone clamps are ideal for demanding, high-purity applications. They're made from the same silicone material used in hoses and tubing, ensuring consistency and quality. These clamps save time during installation by eliminating the need for separate gaskets, reduce contamination risks with a smooth design, and retain all the benefits of silicone.

They come in both mini and standard Tri-Clamp styles, with built-in gaskets molded directly onto the clamp surface. For added protection and stability, they include backup cups made of thermoplastic or stainless steel, which help secure the clamp and prevent damage during setup and use.



APPLICATION

- Pharmaceutical and biotech material transfer
- Critical liquid transfer
- Load cell and cell cultures
- Analytical lab Food and beverages
- Biotechnology

CERTIFICATION

- E&L studies available on the inner liner
- Conforms to US FDA 21 CFR 177.2600 Food grade Standard
- Conforms to USP Class VI
- Conforms to ISO 10993-1
- ROHS certified, free of restricted heavy metals
- Free of Phthalate/ Bisphenol/ Volatlc Plasticizer.
- TSE/BSE Certification (free of animal derived material)
- Complete validation package available upon request

KEY FEATURES

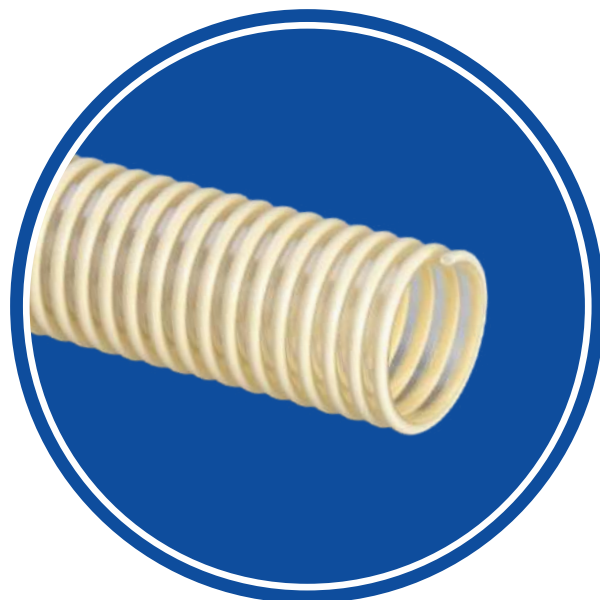
- Made from platinum-cured silicone for high purity and durability.
 - Smooth, seamless connection between hose/tubing and clamp—no gaps or steps.
 - Uniform internal diameter with no flow restrictions.
 - Sterilizable and autoclavable, compatible with CIP and SIP processes.
 - Certified to USP Class VI, FDA, and BfR standards for biocompatibility and safety.
 - Quick and easy installation, saving time during assembly.
 - Wide temperature range: from -55°C to 180°C.
 - No metal contact with product, ensuring purity and preventing contamination.
 - Custom-fit molded clamps available for any silicone hose or tube
-
- Laser Etched hoses for permanent identification on outer periphery surface of hoses
 - Sandwich printing Technology in which fine layer of platinum cured silicone is applied over printed hose. It gives permanent print which avoids direct product contact.

Ima PU Eolo

Food Grade Ultra Flexible Polyurethane Eolo Hose

Ima PU Eolo : Smooth inside, corrugated outside. Light and extremely flexible. Wall thickness from 0,4 mm to 0,8 mm. Resistant to abrasion and flexion as well as to microbes and Hydrolysis, this hose features high mechanical properties. Food grade according to FDA Reg.

- Colour : Transparent with Ivory Spiral.
- Temperature Range : -40°C to +80°C



APPLICATION

- This Hose Suitable for suction of liquids and dry food such as grain, animal feed, sugar, flour, fatty food.
- This Hose also perfect for Fish Drum.
- Not Suitable for Milk & Dairy Products

CERTIFICATION

- Food Grade according to FDA 21 CFR 177.2600.

KEY FEATURES

- This Hose Basically Ether Based PU wall Food Grade with anti shock rigid PVC Spiral.
- Completely Inner Smooth bore & Outer corrugated Hose.
- Medium Duty product with a wall thickness from 0.8 to 1.2 mm. flexible and easy to bend radius & high abrasion resistance.
- This Hose features high mechanical properties, excellence Ozone & weather resistance. Halogen free & conforms to ROHS as well as free from phthalates.

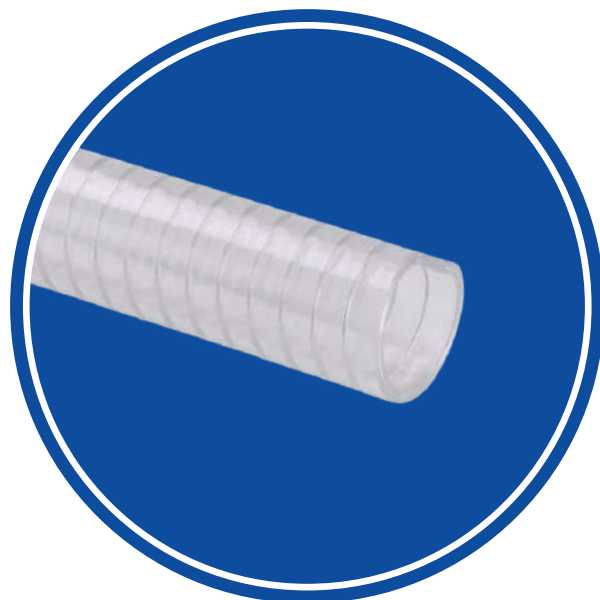
PART NO	Size in MM (ID x OD)	Inner Dia (in/ MM)	Minimum Wall Thickness (in MM)+0.1	Maximum Wall Thickness (in MM)+0.25	Vacuum (mH2O)	MIN BEND RADIUS IN (MM)
PUE 19.1 24.7	19.1 X 24.7	0.751 / 19.1	0.4	2.8	2.5	25
PUE 25 30.6	25 X 30.6	0.99 / 25	0.4	2.8	2.5	30
PUE 30 35.6	30 X 35.6	1.18 / 30	0.4	2.8	2.5	35
PUE 35 41	35 X 41	1.37 / 35	0.5	3	2	45
PUE 40 46.2	40 X 46.2	1.57 / 40	0.5	3.1	2.0	60
PUE 50.8 56.8	50.8 X 56.8	2.0 / 50.8	0.5	3.4	2	70
PUE 60 67.8	60 X 67.8	2.36 / 60	0.5	3.9	1.6	80
PUE 63.5 71.3	63.5 X 71.3	2.5 / 63.5	0.5	3.9	1.6	80
PUE 76.2 84.6	76.2 X 84.6	3.0 / 76.2	0.6	4.2	1.6	100
PUE 80 89	80 X 89	3.14 / 80	0.6	4.5	1.6	110
PUE 90 99.2	90 X 99.2	3.54 / 90	0.6	4.6	1.4	125
PUE 100 109.6	100 X 109.6	3.93 / 100	0.6	4.8	1.3	140

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

ImaPlutone

Food Grade Ultra Flexible Plutone Hose

This hose can be used for suction and delivery of slurries, potable water, foodstuffs, distillates up to 28°C alcohol. Also as equipment for agricultural and industrial machineries. Smooth inside and outside to ensure the optimization of flow. Completely free from phthalates. Resistant to several chemicals, weather conditions, ageing, ozone, UV, hydrolysis.



APPLICATION

- Delivery of water-based foods (non-fat). For example drinks, juices, wine, vinegar, and alcoholic beverages with less than 20% alcohol.
- It is used for the transportation of solid food materials and liquid transportation below 40 °C

CERTIFICATION

- Food Grade according to FDA 21 CFR 177.2600 FDA REACH ROHS2.0

KEY FEATURES

- ECO Friendly and phthalate-free, meet the US FDA food contact safety standards
- Smooth inner wall and glass clear high transport fluid efficiency
- Flexible and high pressure resistance, maintains its original shape under vacuum and high pressure.

PART NO	Size in MM (ID x OD)	Inner Dia (in/ MM)	Minimum Wall Thickness (in MM)+0.1	Minimum Working Pressure (Bar)	Vacuum (mH2O)	MIN BEND RADIUS IN (MM)
PVC 8 14.2	19.1 X 24.7	8 X 14.2	3.1	5	9.5	40
PVC 10 16	25 X 30.6	10 X 16	3.0	5	9.5	50
PVC 12 18	30 X 35.6	12 X 18	3.0	5	9.5	50
PVC 16 22.4	35 X 41	16 X 22.4	3.0	4	9.5	60
PVC 19 26	40 X 46.2	19 X 26	3.5	4	9.5	60
PVC 25 33	50.8 X 56.8	25 X 33	4.0	3	9.5	60
PVC 32 40.4	60 X 67.8	32 X 40.4	4.2	3	8.5	60
PVC 38 47	63.5 X 71.3	38 X 47	4.5	3	8.5	30
PVC 45 54.8	76.2 X 84.6	45 X 54.8	4.9	4	8	30
PVC 50 60	80 X 89	50 X 60	5	3	8.0	30
PVC 63 74.8	90 X 92	63 X 74.8	5.9	2.5	8.0	30
PVC 102 115	100 X 109.6	102 X 115	6.5	1.5	7.0	20

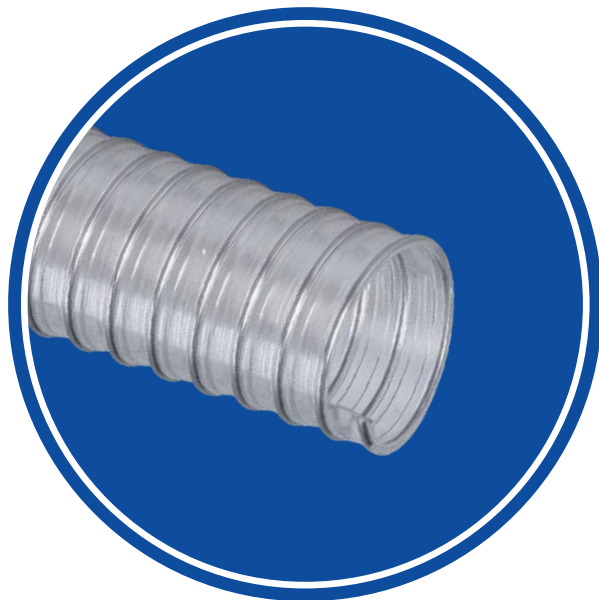
- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

ImaNext

Food Grade Ultra Flexible Polyurethane Next Hose

Completely smooth inside to ensure optimization of flow properties. Constant wall thickness of 0,9 mm for the whole diameter range. It is made by a special TPU that combines different properties which make the wall material permanent antistatic ($R < 10^9$ Ohm). Resistant to microbes and Hydrolysis, as well as to UV rays. Strong but very light and flexible even at low temperatures, it is suitable for heavy duty applications where a very good abrasion resistance is required.

Suction of abrasive media in the food and pharmaceutical industries. Used in chemical industry and for all those applications where a special microbes resistance is required.



APPLICATION

- This Hose Basically use for Suction of abrasive powder, granules, Pallets, sawdust, fumes.
- Also this Hose can be used plastic, wood working, ceramic, dust extraction industries.

CERTIFICATION

- Food Grade according to FDA 21 CFR 177.2600.

KEY FEATURES

- Next Hose is made with special food grade TPU that combine different properties which make the wall material permanent antistatic and resistant to UV.
- This Hose is more resistance to hydrolysis than a conventional Ester base TPU Hose. In fact its capability of abrasion resistance is 20mm³. resistance to mineral oils, ageing, atmospherically agents, ozone and most chemicals. Free of Halogen and phthalate free.

PART NO	Size in MM (ID x THK)	Inner Dia (In/ MM)	Minimum Wall Thickness (in MM)	Vacuum (mH2O)	MIN BEND RADIUS IN (MM)
N938.10.9	38.1 X 0.9	1.5 / 38.1	0.9	5	40
N940 0.9	40 X 0.9	1.574 / 40	0.9	5	40
N950.8 0.9	50.8 X 0.9	2.0 / 50.8	0.9	4	50
N963.5 0.9	63.5 X 0.9	2.5 / 63.5	0.9	3	70
N990 0.9	90 X 0.9	3.54 / 90	0.9	2.5	105.0
N9102 0.9	102 X 0.9	4.0 / 102	0.9	2	135
N9127 0.9	127 X 0.9	5.0 / 127	0.9	1.5	210
N9152.4 0.9	152.4 X 0.9	6.0 / 152.4	0.9	1	230

- Thickness Tolerance : ± 0.1 mm

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

Tri-Clover Fittings

- SS 316L Tri-Clovers designed in latest CNC, VMC machine.
- Available with surface roughness average value $\leq 0.5 \mu\text{m}$ 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	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"



FLANGE



REUSABLE TC



CAMLOCK



ELBOW



TRI-CLOVER



BSP THREAD



QUICK RELEASE COUPLING

- All Data available as technical guide are derived in standard lab conditions as per reference standards.
- User is responsible for selection of Hoses as per desired suitability in defined area of applications We recommend conducting laboratory testing in case of any critical regulatory requirement to determine effective performance of hose for usage in particular application.

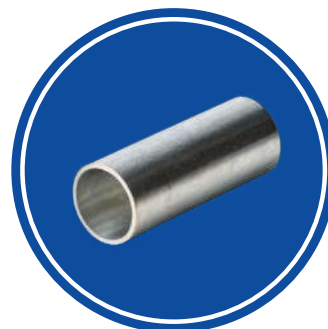
- Tri-Clover fitting are made up stainless steel 316L from single piece bar.
- Processing is done through CNC Machine for better surface finish & smoothness, accuracy in dimension.
- It is duly crimped through hydraulic operation at both the end of hoses.
- It is duly hydro tested for Positive Pressure.
- Having RA value $\leq 0.5 \mu\text{m}$ at Bore.
- It has been inspected for the antistatic properties [except Imafit®].
- One set of T/C fitting consist of two pieces means T/C fitting at both the end of hoses.
- Reversible T/C fitting can be available on Request.



SS Tri-Clamp



Reducing Tri-Clamp
(Both Side)

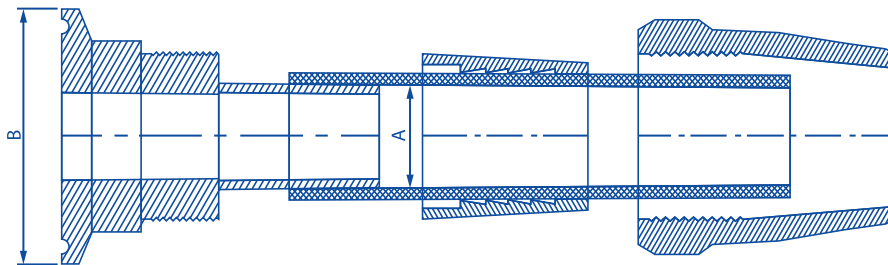


Crimp Collars (Sleeve)

Reusable Tri-clamps

- Tri-Clover fitting are made up stainless steel 316L from single piece bar.
- Processing is done through CNC Machine for better surface finish & smoothness, accuracy in dimension.
- It is duly crimped through hydraulic operation at both the end of hoses.
- It is duly hydro tested for Positive Pressure.
- Having RA value Less than 0.5 at BORE.
- It has been inspected for the antistatic properties [except Imafit®].
- One set of T/C fitting consist of two pieces means T/C fitting at both the end of hoses.
- Reversible T/C fitting can be available on Request.

Nozzle OD 'A'	Flange Dia. 'B'
Nominal Size, in.	Nominal Size, in.
1/2"	1/2"
1/2"	1"
3/4"	1"
1"	1"
2"	2"



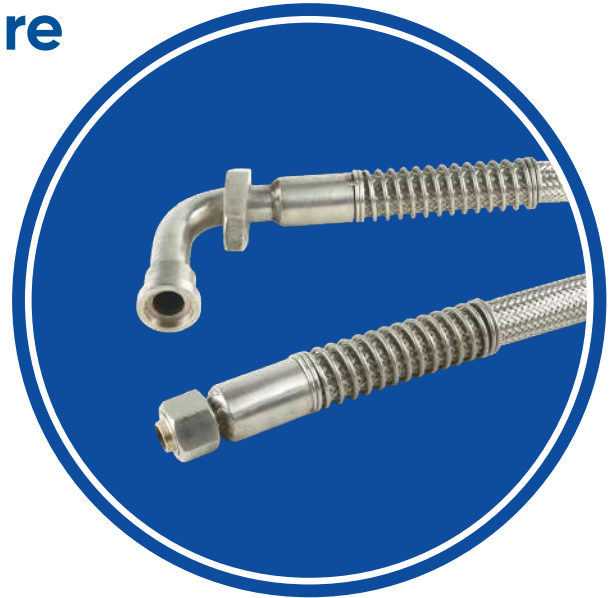
- Easy to assemble 3-piece reusable fittings designed for high-purity applications in Biotech, Pharmaceutical, Food & Beverage, Personal Care, and Potable Water
- The unique design of the PTFE compression bush allows the fitting to be utilized with various types of tubing or hose. Due to its durable construction, it may be continually autoclaved and reused with various tubing or hose assemblies.

Stainless steel High Pressure Customize Hose

High-pressure stainless steel hoses are used in various applications where both high pressure and resistance to corrosion and extreme temperatures are required.

Anti-water condensation Flexible Silicone Hose is ultimate solution engineered to combat moisture built-up effectively. It is suitable for very cold or frozen liquids and semi liquids in the food, pharmaceutical and biotech industries for insulation and anti-condensation. Also it is suitable for Water treatment, HVAC, Dairy Manufacturing or any industries where moisture controlled is critical. This designed with advance materials and technology.

- In hydraulic machinery and equipment, these hoses transfer hydraulic fluids under high pressure. Their durability and resistance to high pressure make them ideal for hydraulic lifts, excavators, and other heavy machinery.
- Stainless steel hoses are used to transfer chemicals, acids, and other corrosive substances because stainless steel can withstand harsh chemical environments.
- In aerospace applications, these hoses are used for hydraulic and fuel systems due to their ability to withstand extreme conditions and pressures.

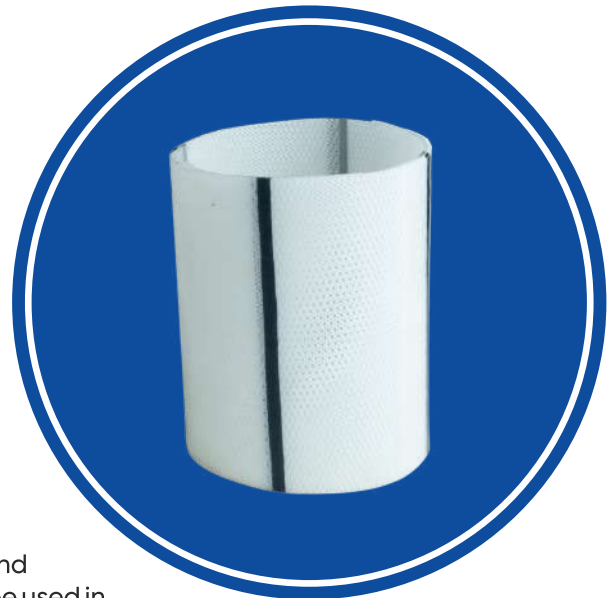


Silicone Conductive Hose

Silicone conductive hoses are designed for applications where both the flexibility of silicone and the need for electrical conductivity are required.

Anti-water condensation Flexible Silicone Hose is ultimate solution engineered to combat moisture built-up effectively. It is suitable for very cold or frozen liquids and semi liquids in the food, pharmaceutical and biotech industries for insulation and anti-condensation. Also it is suitable for Water treatment, HVAC, Dairy Manufacturing or any industries where moisture controlled is critical. This designed with advance materials and technology.

- These hoses are used in medical devices where both flexibility and electrical conductivity are necessary. For instance, they might be used in systems that require grounding or in applications where sensors need to be connected.
- In environments where static electricity is a concern, such as in certain manufacturing processes or clean rooms, silicone conductive hoses can help prevent static build-up and ensure safe operation.
- In aerospace and defense applications, these hoses might be used where both conductivity and flexibility are crucial, such as in complex electronic systems and equipment.



- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

Customized Hoses

High heat resistance fabric-reinforced silicone hoses are engineered for applications that require both exceptional heat resistance and mechanical strength.



- In processing and handling systems where high temperatures are involved (e.g., steam cleaning), these hoses are used due to their heat resistance and non-reactive nature.
- For chemical processes involving high temperatures, these hoses can handle both elevated temperatures and corrosive chemicals,
- Ami polymer offer & manufacture as per the customer technical specification, shapes including elbows, reducers upon customer demand.
- Ami polymer offer & manufacture tailored made stainless steel hose as your needs.

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

PTFE Corrugated

Ultra Flexible PTFE Corrugated Hose for PCB Etching Machine.

PTFE Corrugated Hose Basically Use for High Corrosion chemical transfer from Vassals or tank where high kink resistance require.

- Temperature : -80°C to + 250°C
- Customise T/C fittings available



APPLICATION

- Pharmaceutical processing
- Food processing
- High pressure fluid transfer
- High Temp. fluid transfer
- Cosmetic Industries
- High Corrosion Chemical & Solvent Transfer

CERTIFICATION

- Conforms to US FDA 21 CFR 177.1550 Food grade Standard
- Extractable Study
- Phthalate/ TSE/ BSE Free.
- ROHS Compliance.

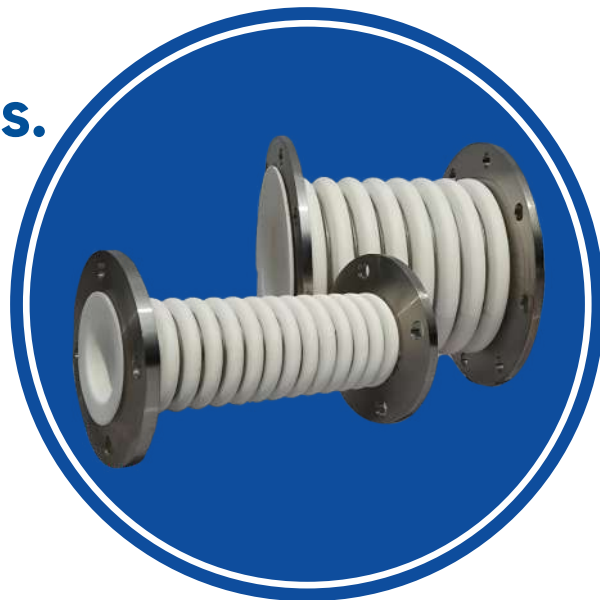
KEY FEATURES

- Excellent Chemical Resistance.
- Excellent Kink Resistance.
- Smooth silicone cover provides safety to operator while handling high temperature.
- Lot traceable
- Temp Range: -80 °C TO 230°C
- Available with Customize SS316 L Tri.clover end
- Sterilizable by Autoclave.

- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

PTFE Expansion Joint Bellows with Flange fittings.

PTFE (Polytetrafluoroethylene) expansion bellows with flanges are specialized components used in various industries due to their unique properties.



Size (NB)	Size (Inch)	Flange Thickness (mm)	Bellow Length (MM)	Lining Thickness SS
25	1.00	12	50, 75, 100, 150, 200, 300, 500	3.50
40	1.50	12	50, 75, 100, 150, 200, 300, 500	3.50
50	2.00	12	50, 75, 100, 150, 200, 300, 500	3.50
65	2.50	12	85, 150, 200	3.50
80	3.00	16	100, 150, 200, 300, 500	4.00
100	4.00	16	100, 150, 200, 400, 500	4.00
125	5.00	16	120	5.00
150	6.00	18	135, 150, 200, 300, 500	5.50

Chemical Processing: PTFE is highly resistant to most chemicals, making these bellows ideal for use in environments where aggressive chemicals are present. They accommodate thermal expansion and contraction while maintaining a tight seal, which is crucial in chemical processing systems.

Pharmaceutical Industry: In pharmaceutical manufacturing, PTFE bellows ensure that the equipment remains sterile and free from contamination. They handle the expansion and contraction of piping systems while resisting chemical attack.

Food and Beverage Industry: These bellows are used in food and beverage processing to ensure the safe transfer of liquids and gases. PTFE's non-reactivity and ease of cleaning make it suitable for maintaining hygiene standards.

These bellows are used in aerospace applications where high purity and resistance to aggressive chemicals are needed. They help in managing thermal expansion and contraction in complex aerospace systems.

PTFE expansion bellows handle the movement and expansion of pipelines in the oil and gas industry, where they come into contact with corrosive substances and need to withstand varying temperatures.

- We can Supply up to 600 NB as per the customer requirements
- Laser Etched hoses for permanent identification on outer periphery surface of hoses.
- Available with SS 316L Tri clover fittings.
- Can be available in different color on Request.

Traceability solutions

- **Hose Marking**

Ami hoses offers several traceability solutions in order to improve the data reading. Various solutions make it possible to obtain all information related to the hose during the manufacturing process, e.g. raw materials, product codes and components, batch number, appropriate certificates, production and sale date and related orders.

- **Connection Marking for Traceability**

All crimped hoses are laser-marked on the connections with

- Sales Order Number
- Test certificate number
- This laser marking system provides a simple yet highly reliable method to ensure full traceability of each hose assembly throughout its lifecycle

- **Hose Identification by Labels**

All Ami hoses supplied are equipped with final labelling tailored to client specifications. These labels include:

- Product specifications
- Manufacturing date
- Expiration date
- Batch code - ensuring smooth traceability

Additionally, hoses can be customized with colour coding as per client requirements for easy identification and operational efficiency.

- Code strip is made of vulcanized rubber
- Autoclavable suitable for sterilization
- Available in multiple colours.



- **Sterilization**

The performance of hoses during steam or hot-air sterilization can vary unpredictably based on connection types, cleaning frequency, and the specific application.

However, all our hoses are compatible with steam sterilization for up to 30 minutes at a maximum temperature of 130°C.

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.

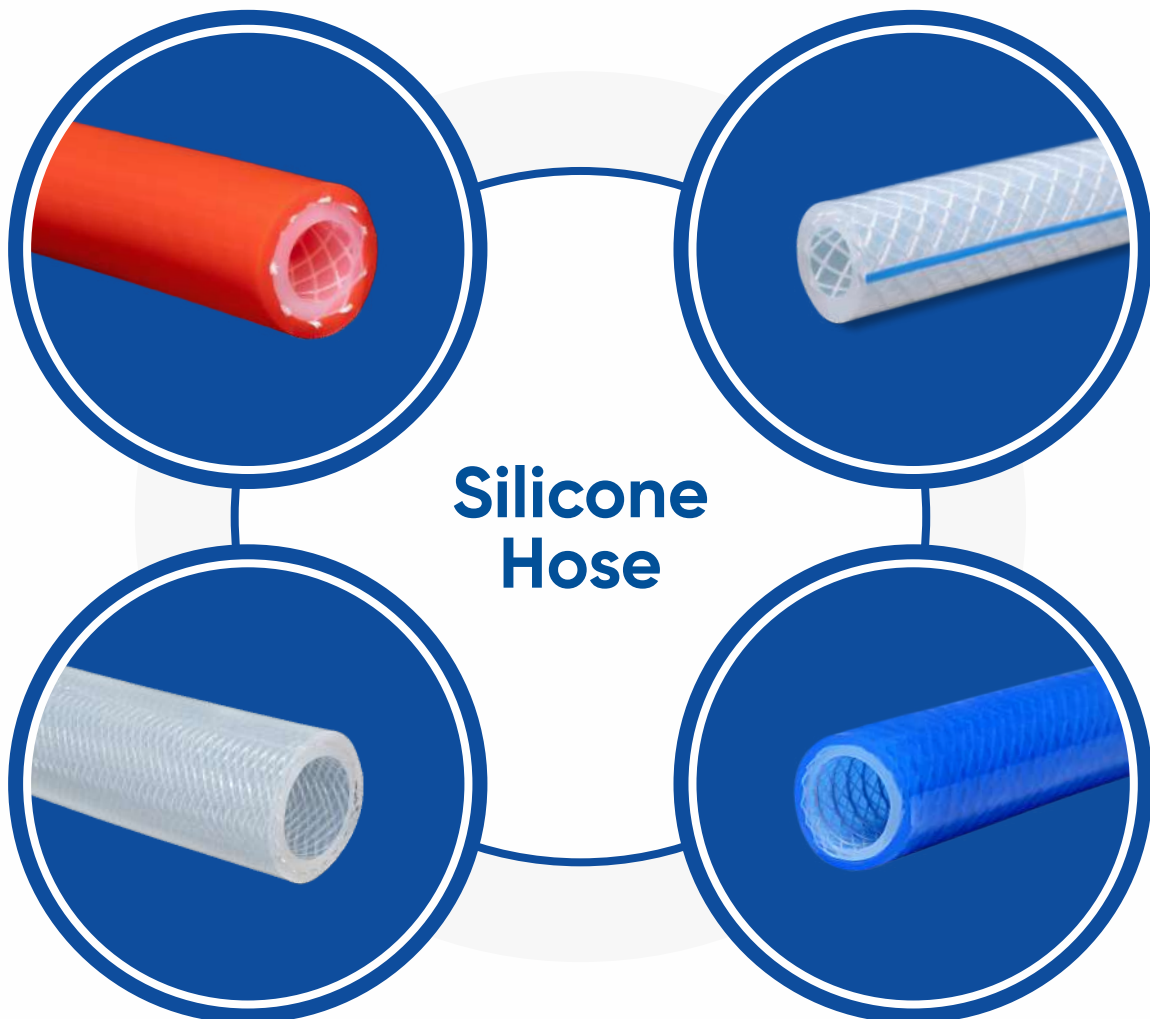
- **Sandwich Printing Technology:**

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**



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