

SILICONE HOSE AND TUBING

Rubber Fab's high purity platinum-cured silicone hose and tubing are clean room produced for critical pharmaceutical, medical, cosmetic and food applications.

RF-SB – High Purity Braid Reinforced Hose



TUBE:
Smooth Bore Platinum Cured Silicone

COLOR:
Translucent

REINFORCEMENT:
Polyester Braid

COVER:
Platinum Cured Silicone

TEMPERATURE:
-100° to 400°F

Part Number	I.D.	O.D.	Working Pressure*	Min. Bend Radius
01RFSB**	.063	.282	200 psi	CF
02RFSB**	.125	.375	175 psi	CF
03RFSB**	.188	.462	170 psi	CF
04RFSB	.250	.500	140 psi	1"
06RFSB	.375	.625	140 psi	1"
08RFSB	.500	.875	105 psi	3"
12RFSB	.750	1.12	90 psi	4"
16RFSB	1.00	1.40	60 psi	6"

*at 68°F **Available in bulk only CF: Consult Factory

RF-SV – Wire Reinforced Hose



TUBE:
Smooth Bore Platinum Cured Silicone

COLOR:
Translucent White

REINFORCEMENT:
Four ply, polyester braid with stainless steel helix wire

TEMPERATURE:
-100° to 400°F

Part Number	I.D.	O.D.	Working Pressure*	Min. Bend Radius	Vacuum
08RFSV	.500	.910	150 psi	2"	29"
12RFSV	.750	1.16	150 psi	2.5"	29"
16RFSV	1.00	1.41	150 psi	3.4"	29"
24RFSV	1.50	1.91	150 psi	4"	29"
32RFSV	2.00	2.41	125 psi	6"	29"
40RFSV	2.50	2.91	125 psi	11"	29"
48RFSV	3.00	3.41	100 psi	13"	CF
64RFSV	4.00	4.41	100 psi	CF	CF

*at 68°F CF: Consult Factory
SV is manufactured in 12' lengths. Consult factory for longer lengths.

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RF-SVOC – Outer Convoluted Wire Reinforced Hose



TUBE:

Smooth Bore Platinum Cured Silicone

COLOR:

Translucent White

REINFORCEMENT:

Four ply, polyester braid with stainless steel helix wire

COVER:

Corrugated platinum cured silicone

TEMPERATURE:

-100° to 400°F

Part Number	I.D.	O.D.	Working Pressure*	Bend Radius	Vacuum
08RFSVOC	.500	.910	150 psi	2"	29"
12RFSVOC	.750	1.16	150 psi	2.5"	29"
16RFSVOC	1.00	1.41	150 psi	3.5"	29"
24RFSVOC	1.50	1.91	150 psi	4"	29"
32RFSVOC	2.00	2.41	125 psi	6"	29"

*at 68°F CF: Consult Factory
SVOC is manufactured in 12' lengths.

Meets

- USP Class VI
- FDA 21 CFR 17.2600
- ISO 10993
- European Pharmacopoeia 3.1.9
- 3A Sanitary Standards
- NSF 51 (core)

Features

- Ultra-flexible
- Sterilizable by autoclave, CIP, SIP and gamma radiation processes
- Clean room manufactured
- Lot and batch traceable
- No plasticizers or latex additives
- ADI Free® (Animal Derived Ingredient Free)
- Resists temperature extremes and ozones
- No taste or odor imparted
- Ultra-pure medical grade
- Non-toxic
- Non-pyrogenic
- Available in bulk or fabricated assemblies

Applications

- Pharmaceutical processing
- Bio Medical
- Laboratory
- Cosmetic
- Peristaltic pump applications
- Ultra pure liquid transfer
- Food processing
- Wash down stations
- Skid systems
- Suction and discharge
- Load cell applications
- Vacuum applications
- Veterinary pharmaceuticals

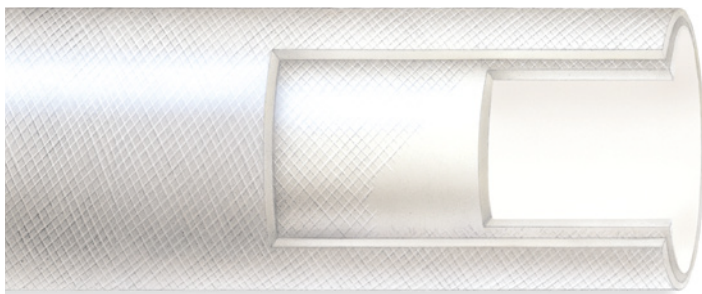
Connections

- Stainless steel or non-metallic sanitary crimped connectors
- Stainless steel sanitary reusable fittings
- Silicone molded sanitary ends with stainless steel or polysulphone support cups/rings

ALSO AVAILABLE

- Peroxide cured silicone hose and tubing is also available in bulk or fabricated assemblies. Consult factory for part numbers, pricing and availability.

RF-S4P – 4-Ply Hose



TUBE:

Smooth Bore Platinum Cured Silicone

COLOR:

Translucent White

REINFORCEMENT:

Four ply, polyester braid

COVER:

Platinum Cured Silicone

TEMPERATURE:

-100° to 400°F

Part Number	I.D.	O.D.	Working Pressure*	Min Bend Radius
08RFS4P	.500	.920	150 psi	2.5"
12RFS4P	.750	1.17	150 psi	4.5"
16RFS4P	1.00	1.42	150 psi	9"
24RFS4P	1.50	1.92	150 psi	12"
32RFS4P	2.00	2.42	125 psi	CF
40RFS4P	2.50	2.92	125 psi	CF
48RFS4P	3.00	3.42	100 psi	CF
64RFS4P	4.00	4.42	100 psi	CF

*at 68°F CF: Consult Factory
S4P is manufactured in 12' lengths.

RF-SC – Clear Non-Reinforced Hose



TUBE:
Smooth Bore
Platinum Cured
Silicone

COLOR:
Clear

COVER:
Platinum Cured
Silicone

TEMPERATURE:
-100° to 400°F

RUBBER FAB OFFERS: SILICONE MOLDED END CONNECTIONS



STAINLESS STEEL CRIMPED FITTINGS AND ADAPTERS



SILICONE MOLDED LABELING SYSTEM



SANITARY REUSABLE FITTINGS SPECIFICALLY DESIGNED FOR FIELD FABRICATION



- Recommended for use on Rubber Fab's platinum silicone clear, braid reinforced and wire reinforced hose with .125 to .225 wall thickness
- 1/2" - 2" sizes available
- 316L Tri-Clamp® inserts with Delrin® nut and sleeve
- 316L nut available upon request
- 15RA or better finish
- Electropolish available
- Custom laser identification available
- Works with all Rubber Fab sanitary Tri-Clamp® gaskets

RUBBER FAB *technologies group*

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