

# SILICONE HOSE

RF-SB  
RF-SV  
RF-4P  
RF-SC

Rubber Fab platinum-cured silicone, ultra-flexible hoses have been developed for high temperature conditions. Autoclavable and sterilizable, our hoses fulfill demands for high purity, safety, pharmaceutical and biocompatibility. Hoses are available in bulk or assemblies.

## RF-SB – Braid Reinforced Hose



**TUBE:**  
Platinum Cured Silicone

**COLOR:**  
Translucent

**REINFORCEMENT:**  
Polyester Braid

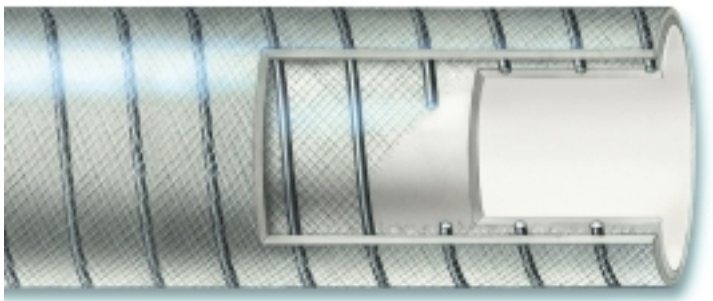
**COVER:**  
Platinum Cured Silicone

**TEMPERATURE:**  
-40° to +350°F

Part Number	I.D.	O.D.	Working Pressure*	Min. Bend Radius	Vacuum (In. HG)
04RFSB	.250	.500	170 psi	1.0"	—
06RFSB	.375	.625	150 psi	1.5"	—
08RFSB	.500	.931	140 psi	2.0"	—
12RFSB	.750	1.18	100 psi	3.0"	—
16RFSB	1.00	1.50	65 psi	4.0"	—

\*at 68°F

## RF-SV – Wire Reinforced Hose



**TUBE:**  
Platinum Cured Silicone

**COLOR:**  
Translucent White

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

**TEMPERATURE:**  
-40° to +350°F

**RF-SVOC:**

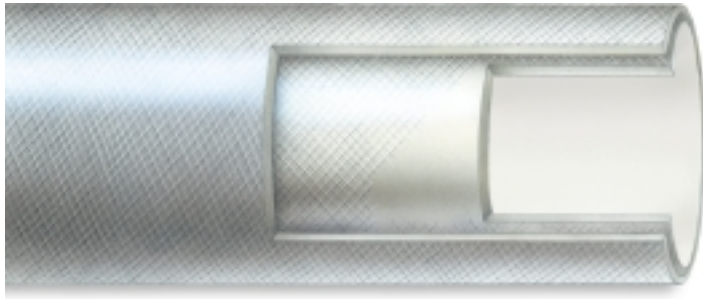
This version of wire reinforced hose is available with a corrugated outer cover. Please consult factory for details.

Part Number	I.D.	O.D.	Working Pressure*	Min. Bend Radius	Vacuum (In. HG)
08RFSV	.500	.860	200 psi	2.5"	29"
12RFSV	.750	1.11	200 psi	3.5"	29"
16RFSV	1.00	1.36	200 psi	5.0"	29"
24RFSV	1.50	1.86	200 psi	8.0"	29"
32RFSV	2.00	2.36	175 psi	11.0"	29"
40RFSV	2.50	2.86	175 psi	13.0"	29"
48RFSV	3.00	3.36	150 psi	17.0"	29"
64RFSV	4.00	4.36	—	—	—

\*at 68°F



## RF-S4P – 4-Ply Hose



**TUBE:**  
Platinum Cured Silicone

**COLOR:**  
Translucent White

**REINFORCEMENT:**  
Four ply,  
polyester braid

**COVER:**  
Platinum Cured  
Silicone

**TEMPERATURE:**  
-40° to +350°F

Part Number	I.D.	O.D.	Working Pressure*	Min Bend Radius	Vacuum (In. HG)
08RFS4P	.500	.931	150 psi	8"	29"
12RFS4P	.750	1.18	150 psi	10"	25"
16RFS4P	1.00	1.50	125 psi	12"	22"
24RFS4P	1.50	2.04	100 psi	–	17"
32RFS4P	2.00	2.60	75 psi	–	14"

\*at 68°F

## RF-SC – Clear Non-Reinforced Hose



**TUBE:**  
Platinum Cured  
Silicone

**COLOR:**  
Clear

**COVER:**  
Platinum Cured  
Silicone

**TEMPERATURE:**  
-80° to +450°F

Part Number	I.D.	O.D.	Wall	Part Number	I.D.	O.D.	Wall	Part Number	I.D.	O.D.	Wall
00RFSC1	.012	.024	.006	01CRFSC	.104	.192	.044	06RFSC4	.375	.625	.125
00RFSC2	.020	.036	.008	02RFSC1	.125	.188	.031	08RFSC1	.500	.563	.031
00RFSC3	.025	.047	.011	02RFSC2	.125	.250	.063	08RFSC2	.500	.625	.063
00RFSC4	.030	.066	.018	02RFSC3	.125	.313	.094	08RFSC3	.500	.688	.094
00RFSC5	.031	.157	.063	02RFSC4	.125	.375	.125	08RFSC4	.500	.750	.125
00RFSC6	.040	.086	.023	02RFSC5	.125	.500	.188	08RFSC5	.500	.875	.188
00RFSC7	.040	.125	.042	03RFSC1	.187	.250	.032	10RFSC	.625	.875	.125
00RFSC8	.058	.076	.009	03RFSC2	.187	.313	.063	12RFSC1	.750	.813	.031
01RFSC1	.063	.125	.031	03RFSC3	.187	.375	.094	12RFSC2	.750	.875	.063
01RFSC2	.063	.188	.063	03RFSC4	.187	.436	.125	12RFSC3	.750	.938	.094
01RFSC3	.063	.250	.094	04RFSC1	.250	.313	.031	12RFSC4	.750	1.00	.125
01RFSC4	.063	.313	.125	04RFSC2	.250	.375	.063	12RFSC5	.750	1.13	.188
01RFSC5	.063	.438	.188	04RFSC3	.250	.438	.094	14RFSC1	.875	.938	.032
01RFSC6	.062	.095	.016	04RFSC4	.250	.500	.125	14RFSC2	.875	1.00	.063
01ARFSC1	.078	.141	.031	05RFSC1	.313	.375	.031	14RFSC3	.875	1.06	.094
01ARFSC2	.078	.125	.023	05RFSC2	.313	.438	.063	14RFSC4	.875	1.13	.125
01BRFSC1	.094	.156	.031	05RFSC3	.313	.500	.094	14RFSC5	.875	1.25	.188
01BRFSC2	.094	.219	.063	05RFSC4	.313	.563	.125	16RFSC2	1.00	1.13	.063
01BRFSC3	.094	.281	.094	06RFSC1	.375	.438	.031	16RFSC4	1.00	1.25	.125
01BRFSC4	.094	.344	.125	06RFSC2	.375	.500	.063	16RFSC5	1.00	1.38	.188
01BRFSC5	.094	.469	.188	06RFSC3	.375	.563	.094	16RFSC6	1.00	1.50	.250

RF-SB  
RF-SV  
RF-4P  
RF-SC

### Approvals

- 3A Sanitary
- USP Class VI
- FDA 21 CFR 17.1550

### Features

- Ultra-flexible
- No taste or odor imparted
- Ultra-pure medical grade
- Non-toxic
- Non-pyrogenic
- Lot and batch traceable
- Available in bulk or fabricated assemblies

### Applications

- Food processing
- Medical/surgical applications
- Dairy
- Beverage
- Fermentation
- Biotechnology
- Pharmaceutical processing
- Load cells
- Cell cultures
- WFI transfer
- Pump applications

### Connections

- Sanitary, unitized non-metallic fittings
- Stainless steel or non-metallic radially crimped connectors
- Reusable fittings

### Also Available

- Rubber Fab offers a full line of high purity silicone gaskets from mini to 12".

**Distributed by:**

**Pure Transfer Ltd.**

**Tel:** +44 0151 548 3880

**Fax:** +44 0151 548 3881

[www.puretransfer.com](http://www.puretransfer.com)

Rubber Fab Technologies Group is a member of:

