

FDA PVC HOSE

Rubber Fab FDA PVC hoses are designed to transport a wide variety of fluids without imparting odor or taste. Non-toxic, non-pyrogenic, and alkaline resistant, these features render our hoses ideal for food/beverage, laboratory, and surgical/hospital applications. All are available in bulk or fabricated assemblies.

RF-PB – Clear PVC Braided Hose



TUBE:
FDA PVC
Heavy Wall ‡

COLOR:
Transparent

CONSTRUCTION:
Clear with polyester
textile inner braid
reinforcement

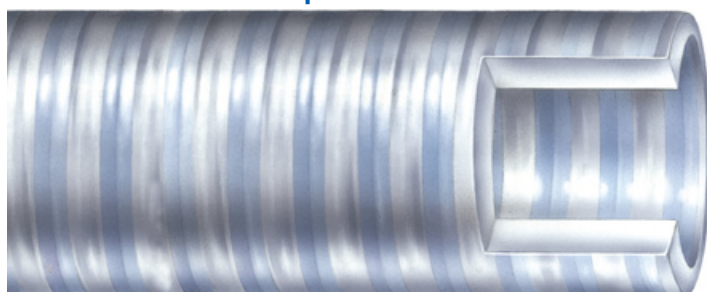
TEMPERATURE:
-25°F to 150°F

‡ USP Class VI also available

Part Number	I.D.	O.D.	Working Pressure*	Weight Per Foot
02RFPB	.125	.328	350 psi	.04
04RFPB	.250	.500	350 psi	.08
06RFPB	.375	.625	275 psi	.11
08RFPB	.500	.813	250 psi	.17
10RFPB	.625	1.00	225 psi	.26
12RFPB	.750	1.12	200 psi	.30
16RFPB	1.00	1.37	150 psi	.38
20RFPB**	1.25	1.75	125 psi	.32
24RFPB	1.50	2.00	100 psi	.38
32RFPB	2.00	2.50	75 psi	.48

*at 68°F **bulk only - not available in assemblies

RF-PVV – Spiral-Reinforced Hose



TUBE:
FDA PVC

COLOR:
Translucent

CONSTRUCTION:
Clear extrusion
with clear helical
reinforcement

TEMPERATURE:
-25°F to 150°F

Part Number	I.D.	O.D.	Wkg. Pres.*	Weight Per Foot	Vac.	Bend Radius
12RFPVV	.750	.937	105	.20	28	3"
16RFPVV	1.00	1.25	100	.27	28	3"
20RFPVV**	1.25	1.50	95	.30	28	3"
24RFPVV	1.50	1.81	85	.40	28	4"
32RFPVV	2.00	2.37	80	.60	28	5"
40RFPVV	2.50	2.87	75	.85	28	7"
48RFPVV	3.00	3.43	65	1.15	28	8"
64RFPVV	4.00	4.50	50	1.75	28	10"
80RFPVV**	5.00	5.51	40	2.41	28	28"
96RFPVV	6.00	6.59	30	3.28	28	48"
128RFPVV	8.00	8.85	25	5.67	28	60"

*at 68°F **bulk only - not available in assemblies

RF-PB RF-PVV

Meets

- FDA CFR Title 21 170-199
- 3A Sanitary Standards
- USDA
- UL
- ROHS

Features

- Imparts no taste or odor
- Non-Toxic
- Non-Pyrogenic
- Alkaline-Resistant
- Available in bulk or fabricated assemblies

Applications

- Chemical Processing & Transfer
- Pharmaceutical Manufacture
- Food & Syrup Handling
- Beverage Transfer
- Dairy Processing
- Air & Gas Lines
- Pump Feed & Discharge
- Laboratory & Research
- Instrumentation
- General Water Suction & Discharge
- Irrigation Systems
- Vacuum Lines
- Hydraulics & Pneumatics
- Spray Systems
- Filters

Connections

- Sanitary, Unitized Non-Metallic Fittings
- Stainless Steel or Non-Metallic Radially-Crimped Connections

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RF-PVW – Wire-Reinforced Hose



TUBE:
FDA PVC

COLOR:
Transparent

CONSTRUCTION:
Clear with steel wire helix reinforcement

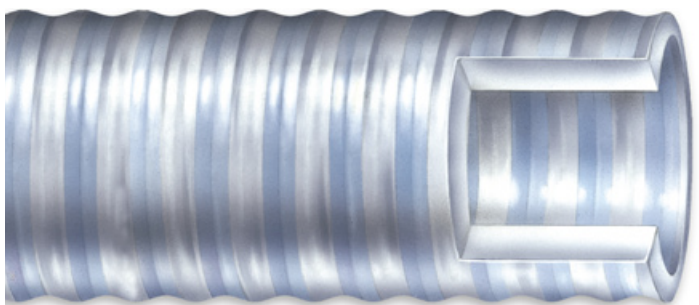
TEMPERATURE:
-25°F to 150°F

Part Number	I.D.	O.D.	Wkg. Pres.*	Weight Per Foot	Vac.	Bend Radius
04RFPVW	.250	.500	250 psi	.10	29.9	1"
06RFPVW	.375	.625	150 psi	.13	29.9	1.5"
08RFPVW	.500	.813	150 psi	.21	29.9	2"
10RFPVW	.625	1.00	150 psi	.30	29.9	2.5"
12RFPVW	.750	1.12	150 psi	.36	29.9	3"
16RFPVW	1.00	1.37	100 psi	.44	29.9	4"
20RFPVW**	1.25	1.75	100 psi	.74	29.9	5"
24RFPVW	1.50	2.00	100 psi	.84	29.9	6"
32RFPVW	2.00	2.50	100 psi	1.12	29.9	8"
36RFPVW**	2.25	2.75	50 psi	1.16	29.9	9"
40RFPVW	2.50	3.00	50 psi	1.38	29.9	10"
48RFPVW	3.00	3.50	50 psi	1.62	29.9	12"

*at 68°F **bulk only - not available in assemblies

NOTE: Can be used for static dissipation when the metal wire is properly connected to ground through the fitting or other means.

RF-PCSDOC – Clear, Spiral-Reinforced, Standard Duty, Convuluted OD Hose



TUBE:
FDA PVC

COLOR:
Transparent

CONSTRUCTION:
PVC spiral reinforcement

TEMPERATURE:
-25°F to 150°F

Part Number	I.D.	O.D.	Working Pressure*	Weight Per Ft.	Vac.	Bend Radius
16RFPCSDOC	1.00	1.28	60 psi	.19	28	2"
20RFPCSDOC	1.25	1.62	50 psi	.29	28	3"
24RFPCSDOC	1.50	1.81	50 psi	.34	28	3"
28RFPCSDOC	1.75	2.09	45 psi	.40	28	4"
32RFPCSDOC	2.00	2.37	45 psi	.50	28	4"
36RFPCSDOC	2.25	2.62	40 psi	.55	28	5"
40RFPCSDOC	2.50	2.93	40 psi	.77	28	6"
48RFPCSDOC	3.00	3.43	35 psi	1.02	28	8"
64RFPCSDOC	4.00	4.56	35 psi	1.64	28	10"

*at 68°F Standard coil length: 100 ft. Sold in bulk. Not available in assemblies.

NOTE: Spiral reinforcement made from spiral PVC to resist impact, crushing and kinking.

RF-PVW RF-PCSDOC

RF-PVW Meets

- FDA CFR Title 21 170-199
- 3A Sanitary Standards
- USDA
- NSF/ANSI STD 51 and 61
- UL
- ROHS
- USP Class VI

RF-PCSDOC Meets

- FDA CFR Title 21 170-199
- 3A Sanitary Standards

RF-PVW Connections

- Stainless Steel or Non-Metallic Radially-Crimped Connections

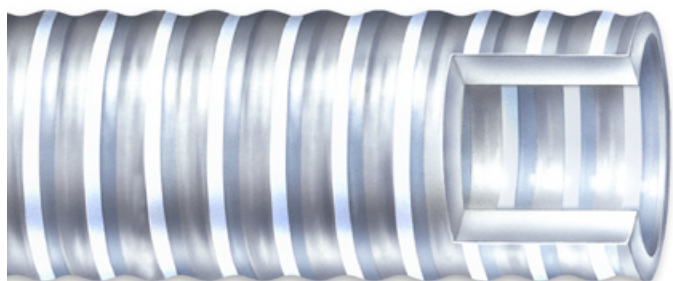
PVC Applications

- Chemical Processing & Transfer
- Pharmaceutical Manufacture
- Food & Syrup Handling
- Beverage Transfer
- Dairy Processing
- Air & Gas Lines
- Pump Feed & Discharge
- Laboratory & Research
- Instrumentation
- General Water Suction & Discharge
- Irrigation Systems
- Vacuum Lines
- Hydraulics & Pneumatics
- Spray Systems
- Filters

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RF-PCLDOC – PVC Clear, Light Duty, White Helix, Convoluted OD Hose



TUBE:
FDA PVC

COLOR:
Transparent

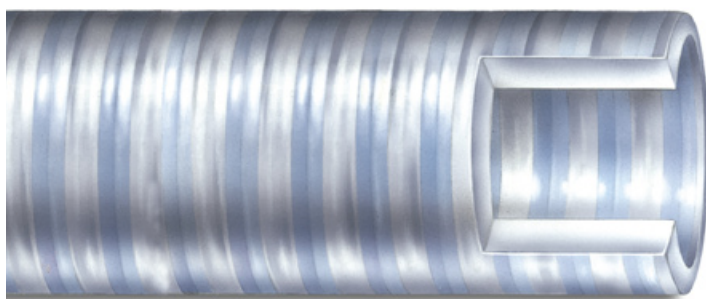
CONSTRUCTION:
PVC white helix spiral reinforcement

TEMPERATURE:
-25°F to 150°F

Part Number	I.D.	O.D.	Weight Per Foot	Vac.	Bend Radius
06RFPCLD	.375	.570	.05	24	.5"
08RFPCLD	.500	.700	.06	24	.5"
10RFPCLD	.625	.830	.08	24	.6"
12RFPCLD	.750	.965	.10	24	.7"
16RFPCLD	1.00	1.25	.14	24	1"
20RFPCLD	1.25	1.50	.15	22	1"
24RFPCLD	1.50	1.81	.20	20	2"
32RFPCLD	2.00	2.37	.34	18	2"

*at 68°F **bulk only - not available in assemblies
NOTE: this series of hose has no positive pressure rating.
Increasing pressure will cause the hose to elongate and expand.

RF-PCHD – PVC Clear, Spiral Reinforced, Heavy Duty, Smooth OD Hose



TUBE:
FDA PVC

COLOR:
Transparent

CONSTRUCTION:
Heavy duty clear non-reinforced

TEMPERATURE:
-25°F to 150°F

Part Number	I.D.	O.D.	Working Pressure*	Weight Per Ft.	Vac.	Bend Radius
12RFPCHD	.750	.937	105 psi	.20	28	3"
16RFPCHD	1.00	1.25	100 psi	.27	28	3"
20RFPCHD	1.25	1.50	95 psi	.30	28	3"
24RFPCHD	1.50	1.81	85 psi	.40	28	4"
32RFPCHD	2.00	2.37	80 psi	.60	28	5"
40RFPCHD	2.50	2.87	75 psi	.85	28	7"
48RFPCHD	3.00	3.43	65 psi	1.15	28	8"
64RFPCHD	4.00	4.50	50 psi	1.75	28	10"

*at 68°F Standard coil length: 100 ft. Sold in bulk. Not available in assemblies.

RF-PCLDOC RF-PCHD

Meets

- FDA CFR Title 21 170-199
- 3A Sanitary Standards

PVC Applications

- Chemical Processing & Transfer
- Pharmaceutical Manufacture
- Food & Syrup Handling
- Beverage Transfer
- Dairy Processing
- Air & Gas Lines
- Pump Feed & Discharge
- Laboratory & Research
- Instrumentation
- General Water Suction & Discharge
- Irrigation Systems
- Vacuum Lines
- Hydraulics & Pneumatics
- Spray Systems
- Filters

RUBBER FAB OFFERS: FULL LINE OF STAINLESS STEEL FITTINGS AND ADAPTERS



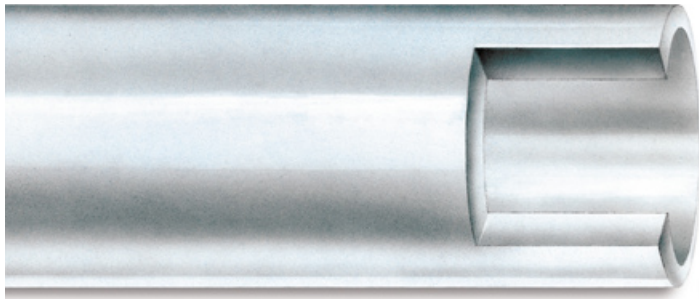
FULL LINE OF SANITARY GASKETS



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RF-PC – Clear, Non-Reinforced Hose



TUBE:
FDA PVC

COLOR:
Transparent

CONSTRUCTION:
Clear Non-Reinforced

TEMPERATURE:
-25°F to 150°F

Part Number	I.D.	O.D.	Wall	Working Pressure*	Weight Per Foot
02RFPC2	.125	.250	.187	65 psi	.02
03RFPC1	.187	.250	.062	50 psi	.01
03RFPC3	.187	.312	.031	55 psi	.03
03RFPC4	.187	.375	.187	60 psi	.05
04RFPC2	.250	.375	.062	55 psi	.03
04RFPC3	.250	.437	.093	58 psi	.06
04RFPC4	.250	.500	.125	60 psi	.08
05RFPC2	.312	.437	.062	50 psi	.04
05RFPC3	.312	.500	.093	55 psi	.07
05RFPC5	.312	.562	.187	60 psi	.09
06RFPC2	.375	.500	.062	45 psi	.05
06RFPC3	.375	.562	.093	50 psi	.02
06RFPC4	.375	.625	.125	55 psi	.11
07RFPC2	.437	.562	.062	35 psi	.06
08RFPC2	.500	.625	.062	30 psi	.06
08RFPC3	.500	.687	.093	40 psi	.10
08RFPC4	.500	.750	.125	45 psi	.13
10RFPC2	.625	.750	.062	25 psi	.08
10RFPC3	.625	.812	.093	35 psi	.12
10RFPC4	.625	.875	.125	40 psi	.16
12RFPC4	.750	1.00	.125	35 psi	.19
12RFPC5	.750	1.12	.187	40 psi	.30
12RFPC6	.750	1.25	.250	45 psi	.43
14RFPC4	.875	1.12	.125	30 psi	.21
14RFPC5	.875	1.25	.187	35 psi	.34
16RFPC4	1.00	1.25	.125	25 psi	.24
16RFPC5	1.00	1.37	.187	30 psi	.38
16RFPC6	1.00	1.50	.250	35 psi	.54
20RFPC4	1.25	1.50	.125	20 psi	.15
20RFPC5	1.25	1.62	.187	30 psi	.23
20RFPC6	1.25	1.75	.250	40 psi	.32
24RFPC5	1.50	1.87	.187	30 psi	.27
24RFPC6	1.50	2.00	.250	35 psi	.38
32RFPC6	2.00	2.50	.250	35 psi	.48

*at 68°F

RF-PC

Meets

- FDA CFR Title 21 170-199
- 3A Sanitary Standards
- USDA
- NSF/ANSI STD 51 and 61
- UL
- ROHS
- USP Class VI

Features

- Clear, Flexible
- Imparts no taste or odor
- Non-Toxic
- Non-Pyrogenic
- Alkaline-Resistant
- Available in bulk or fabricated assemblies

PVC Applications

- Chemical Processing & Transfer
- Pharmaceutical Manufacture
- Food & Syrup Handling
- Beverage Transfer
- Dairy Processing
- Air & Gas Lines
- Pump Feed & Discharge
- Laboratory & Research
- Instrumentation
- General Water Suction & Discharge
- Irrigation Systems
- Vacuum Lines
- Hydraulics & Pneumatics
- Spray Systems
- Filters

Connections

- Sanitary, Unitized Non-Metallic Fittings
- Stainless Steel or Non-Metallic Radially-Crimped Connections

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FOOD GRADE PVC HOSE WITH MOLDED ENDS

Rubber Fab offers three different unitized PVC molded ends for every hose need. The unitized, molded end is our non-metallic connection that ensures a smooth, uninterrupted product flow with no bacteria traps.



RF-PB

Food Grade PVC Braided Hose Assembly with Unitized Ends

TEMPERATURE:
25°F to 150°F

Part Number	I.D.	O.D.	Tri-Clamp® Size	FPT Size	MPT Size	Working Pressure*
02RFPB	.125	.328	Mini	***	***	350
04RFPB	.250	.500	Mini & 1"	1/2"	1/4" & 1/2"	350
06RFPB	.375	.625	Mini & 1"	3/8"	1/2"	275
08RFPB	.500	.750	Mini, 1" & Maxi	1/2"	1/2"	250
10RFPB	.625	.875	Mini & 1"	***	***	225
12RFPB	.750	1.13	1" & Maxi	***	3/4" & 1"	200
16RFPB	1.00	1.38	1-1/2" & 2"	***	***	150
20RFPB	1.25	1.63	1-1/2"	***	***	125
24RFPB	1.50	2.00	2"	***	2"	100
1856RFPB	1.86	2.37	2" & 2-1/2"	***	***	75
32RFPB	2.00	2.50	2-1/2"	***	***	75

*at 68°F *** Not Available

Consult factory for assembly part numbers.

Also available in I-Line, Q-Line, and Bevel Seat with nut (consult factory for availability).

Note: The fittings chart stated above reflects molded, unitized connections only.
For stainless steel crimped connections, consult factory

RF-PB

Features

- Clear, Flexible
- Imparts no taste or odor
- Non-toxic
- Non-pyrogenic
- Alkaline-resistant
- COP/CIP sanitizing
- Available in bulk or fabricated assemblies

Applications

- Food
- Milk
- Beverage
- Laboratory
- Peristaltic Pump
- Surgical/Hospital

Approvals

- FDA
- USDA
- 3A

Connections

- Sanitary, Non-metallic, unitized fittings
- Stainless steel or non-metallic radially-crimped connections

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RF-PVV

PVC Spiral Reinforced Assembly with Unitized Ends

TEMPERATURE:
25°F to 150°F

Part Number	I.D.	O.D.	Tri-Clamp® Size	Working Pressure*
12RFPVV	.750	.938	1"	105
16RFPVV	1.00	1.25	1"	100
20RFPVV	1.25	1.50	1.5"	95
24RFPVV	1.50	1.81	2"	85
40RFPVV	2.50	2.88	3"	75

*at 68°F

Consult factory for assembly part numbers.

Note: The fittings chart stated above reflects molded, unitized connections only.
For stainless steel crimped connections, consult factory



RF-PVW

Food Grade PVC Wire Reinforced Vacuum Hose Assembly with Unitized Ends

Part Number	I.D.	O.D.	Tri-Clamp® Size	FPT Size	MPT Size	Working Pressure*
06RFPVW	.375	.625	Mini & 1"	3/8"	1/2"	150
08RFPVW	.500	.750	Mini & 1"	1/2"	1/2"	150
10RFPVW	.625	.875	Mini & 1"	***	***	150
12RFPVW	.750	1.00	1" & Maxi	***	3/4" & 1"	150
16RFPVW	1.00	1.25	1-1/2" & 2"	***	***	100
20RFPVW	1.25	1.56	1-1/2"	***	***	100
24RFPVW	1.50	1.89	2"	***	2"	100
32RFPVW	2.00	2.36	2-1/2"	***	***	100

*at 68°F *** Not Available

Consult factory for assembly part numbers.

Also available in I-Line, Q-Line, and Bevel Seat with nut (consult factory for availability).

Note: The fittings chart stated above reflects molded, unitized connections only.
For stainless steel crimped connections, consult factory

RF-PVV RF-PVW

Features

- Clear, Flexible
- Imparts no taste or odor
- Non-toxic
- Non-pyrogenic
- Alkaline-resistant
- COP/CIP sanitizing
- Available in bulk or fabricated assemblies

Applications

- Food
- Milk
- Beverage
- Laboratory
- Peristaltic Pump
- Surgical/Hospital

Approvals

- FDA
- USDA
- 3A

Connections

- Sanitary, Non-metallic, unitized fittings
- Stainless steel or non-metallic radially-crimped connections



RF-PC

Food Grade PVC Hose Assembly with Unitized Ends

Part Number	I.D.	O.D.	Tri-Clamp® Size	FPT Size	MPT Size	Working Pressure*
04RFPC4	.250	.500	Mini	1/2"	1/4" & 1/2"	60
06RFPC4	.375	.625	Mini & 1"	3/8"	1/2"	55
08RFPC	.500	.813	Mini & 1"	1/2"	1/2"	45
12RFPC5	.750	1.13	1" & Maxi	***	3/4" & 1"	40
14RFPC	.875	1.16	1" & Maxi	***	1"	35
16RFPC5	1.00	1.38	1-1/2" & 2"	***	***	30
20RFPC6	1.25	1.75	1-1/2"	***	***	40
24RFPC6	1.50	2.00	2"	***	***	35
32RFPC6	2.00	2.50	2-1/2"	***	***	35

*at 68°F ***Not Available

Consult factory for assembly part numbers.

Also available in I-Line, Q-Line, and Bevel Seat with nut (consult factory for availability).

Note: The fittings chart stated above reflects molded, unitized connections only.
For stainless steel crimped connections, consult factory

RF-PC

Features

- Clear, Flexible
- Imparts no taste or odor
- Non-toxic
- Non-pyrogenic
- Alkaline-resistant
- COP/CIP sanitizing
- Available in bulk or fabricated assemblies

Applications

- Food
- Milk
- Beverage
- Laboratory
- Peristaltic Pump
- Surgical/Hospital

Approvals

- FDA
- USDA
- 3A

Connections

- Sanitary, Non-metallic, unitized fittings
- Stainless steel or non-metallic radially-crimped connections

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