

## VACUUM PENS / CONTINUOUS VACUUM SUPPLIES

ESD Safe



For the customer who has existing plumbed vacuum systems. Our line of vacuum pens and hoses will provide parts handling capability. Page 39 details fittings that will assist you in adapting our hoses (page 36) to your vacuum system.

VVP-200

Push-Button Release

V3020

Control Hole

Aluminum

V3120

Stainless Steel

Control Hole

VRV-300

Push-Button Release

Rotate Knob

VV-PEN-KIT-PB

### Standard Push Button Vacuum Pen - ESD Safe

Lightweight aluminum 1/2" diameter handle for vacuum handling systems. This new vacuum pen allows you to immediately pick up a part by touching the vacuum tip to the surface of the part. A slight press of the button releases the part. The unique design eliminates internal O-rings for years of maintenance free operation. Available for 1/16" or 1/8" ID diameter vacuum hose. 5 1/4" (133.35mm) long, 1/2" (12.70mm) diameter.

*Must be used with a continuous vacuum source.*

**VVP-200** **BUY IT NOW** 1/16" (1.59mm) ID hose barb

**VVP-200-1/8** **BUY IT NOW** 1/8" (3.18mm) ID hose barb

技术咨询与报价  
电话: 18823303057

1-9	10-24	25-up
PRICE EACH		
\$ 46.15	43.84	41.53
\$ 46.15	43.84	41.53

QQ:2104028976

### Vacuum Pen With Control Hole

Lightweight aluminum 1/2" diameter handle for continuous air vacuum handling systems. A 1/16" or 1/8" inside diameter vacuum hose connects at the rear of the tool. Vacuum tips attach to the front of the tool. Covering and uncovering the hole enables the vacuum to grasp and release the part. 5 1/4" (133.35mm) long, 1/2" (12.70mm) diameter.

*Must be used with a continuous vacuum source.*

**V3020-RF-1/16** **BUY IT NOW** 1/16" (1.59mm) ID hose barb

**V3020-RF-1/8** **BUY IT NOW** 1/8" (3.18mm) ID hose barb

1-9	10-24	25-up
PRICE EACH		
\$ 25.40	24.13	22.86
\$ 25.40	24.13	22.86

### Vacuum Pen Without Control Hole, No Filter

Lightweight aluminum 1/2" diameter handle for continuous vacuum handling systems. A 1/16" or 1/8" inside diameter vacuum hose connects at the rear of the tool. Vacuum tips attach to the front of the tool. Designed for external vacuum release. 5 1/4" (133.35mm) long, 1/2" (12.70mm) diameter.

*Must be used with a continuous vacuum source.*

**V3021** **BUY IT NOW** 1/16" (1.59mm) ID hose barb

**V3021-1/8** **BUY IT NOW** 1/8" (3.18mm) ID hose barb

1-9	10-24	25-up
PRICE EACH		
\$ 25.40	24.13	22.86
\$ 25.40	24.13	22.86

### Slim Vacuum Pen

Lightweight stainless steel 3/8" diameter handle for continuous vacuum handling systems. A 1/16" inside diameter vacuum hose connects at the rear of the tool. Vacuum tips attach to the front of the tool. Covering and uncovering the hole enables the vacuum to grasp and release the part. 4 3/4" (120.65mm) long, 3/8" (9.53mm) diameter.

*Must be used with a continuous vacuum source.*

**V3120** **BUY IT NOW** With control hole

1-9	10-24	25-up
PRICE EACH		
\$ 25.40	24.13	22.86

### ROTO-VAC Vacuum Pen - ESD Safe

This unique vacuum pen allows you to pick up a part and turn the rotate knob to achieve proper orientation of the part. A slight press of the button on top of the knob releases the part. Available for 1/16" or 1/8" ID diameter vacuum hose. 5 1/4" (133.35mm) long, 1/2" (12.70mm) diameter. *Must be used with a continuous vacuum source.*

**VRV-300** **BUY IT NOW** 1/16" (1.59mm) ID hose barb

**VRV-300-1/8** **BUY IT NOW** 1/8" (3.18mm) ID hose barb

1-9	10-24	25-up
PRICE EACH		
\$ 103.90	98.70	93.51
\$ 103.90	98.70	93.51

### Control Hole Vacuum Pen Kit

This kit is for the users who have an in-house vacuum system. This kit includes 4 feet of coiled vacuum hose (VCH-1/16-4), a set of nine vacuum tips (VCS-9-B) and a vacuum pick-up handle with control hole (V3020-RF).

**VV-PEN-KIT** **BUY IT NOW**

1-9	10-24	25-up
\$ 54.55	51.82	49.09

### Push Button Vacuum Pen Kit

This kit is for the users who have an in-house vacuum system. This kit includes 4 feet of coiled vacuum hose (VCH-1/16-4), a set of nine vacuum tips (VCS-9-B) and a push button vacuum pick-up handle (VVP-200).

**VV-PEN-KIT-PB** **BUY IT NOW**

1-9	10-24	25-up
\$ 71.90	68.31	64.71

# VACUUM HOSES

ESD Safe



The Static Dissipative Polyurethane is available in two diameters and also either straight or coiled. The ESD safe Silicone hose provides high-temperature resistance.

## Standard Lengths

The ESD-safe, Static Dissipative Polyurethane vacuum hoses are available in standard lengths either straight or coiled. The coiled hose is provided with a 6" (152.4mm) tail at each end.

		Inside diameter	Outside diameter	Extended length	Style	1-9	10-24	25-up
						PRICE EACH		
VSH-1/16-4	<b>BUY IT NOW</b>	1/16" (1.59mm)	1/8" (3.18mm)	4 ft.	straight	\$ 4.90	4.66	4.41
VSH-1/16-6	<b>BUY IT NOW</b>	1/16" (1.59mm)	1/8" (3.18mm)	6 ft.	straight	\$ 7.50	7.13	6.75
VSH-1/16-8	<b>BUY IT NOW</b>	1/16" (1.59mm)	1/8" (3.18mm)	8 ft.	straight	\$ 9.80	9.31	8.82
VCH-1/16-4	<b>BUY IT NOW</b>	1/16" (1.59mm)	1/8" (3.18mm)	4 ft.	coiled	\$ 9.20	8.74	8.28
VCH-1/16-6	<b>BUY IT NOW</b>	1/16" (1.59mm)	1/8" (3.18mm)	6 ft.	coiled	\$ 13.85	13.16	12.47
VCH-1/16-8	<b>BUY IT NOW</b>	1/16" (1.59mm)	1/8" (3.18mm)	8 ft.	coiled	\$ 18.50	17.58	16.65
VSH-1/8-4	<b>BUY IT NOW</b>	1/8" (3.18mm)	1/4" (6.35mm)	4 ft.	straight	\$ 9.80	9.31	8.82
VSH-1/8-6	<b>BUY IT NOW</b>	1/8" (3.18mm)	1/4" (6.35mm)	6 ft.	straight	\$ 14.75	14.01	13.28
VSH-1/8-8	<b>BUY IT NOW</b>	1/8" (3.18mm)	1/4" (6.35mm)	8 ft.	straight	\$ 19.60	18.62	17.64
VCH-1/8-4	<b>BUY IT NOW</b>	1/8" (3.18mm)	1/4" (6.35mm)	4 ft.	coiled	\$ 13.85	13.16	12.47
VCH-1/8-6	<b>BUY IT NOW</b>	1/8" (3.18mm)	1/4" (6.35mm)	6 ft.	coiled	\$ 20.80	19.76	18.72
VCH-1/8-8	<b>BUY IT NOW</b>	1/8" (3.18mm)	1/4" (6.35mm)	8 ft.	coiled	\$ 27.70	26.32	24.93

1/16" Coiled Static Dissipative Hose



## Custom Lengths

The ESD-safe, Static Dissipative Polyurethane vacuum hoses are available in custom lengths either straight or coiled. The coiled hose is provided with a 6" (152.4mm) tail at each end.

The pricing is per foot. In the part number below replace the "L" with the length in feet that you want to order. *EXAMPLE: VCH-1/16-10 is the part number for a 1/16" (1.59mm) ID coiled vacuum hose that has a 10 feet of working length when extended.*

		Inside diameter	Outside diameter	Extended length	Style	1-9	10-24	25-up
						PRICE PER FOOT		
VSH-1/16-L	<b>BUY IT NOW</b>	1/16" (1.59mm)	1/8" (3.18mm)	custom	straight	\$ 1.50	1.43	1.35
VCH-1/16-L	<b>BUY IT NOW</b>	1/16" (1.59mm)	1/8" (3.18mm)	custom	coiled	\$ 3.50	3.33	3.15
VSH-1/8-L	<b>BUY IT NOW</b>	1/8" (3.18mm)	1/4" (6.35mm)	custom	straight	\$ 2.60	2.47	2.34
VCH-1/8-L	<b>BUY IT NOW</b>	1/8" (3.18mm)	1/4" (6.35mm)	custom	coiled	\$ 4.60	4.37	4.14

• Hoses can be coiled to a maximum of 10 feet.

Custom Lengths Straight 1/16" Grey Static Dissipative Poly Hose



## ESD-Safe Silicone

ESD Conductive flexible vacuum hose. This small diameter hose offers the ultimate in flexibility for operator ease of use. Made of black Silicone rubber. Available in straight and 1/16" (1.59mm) ID only.

		Inside diameter	Outside diameter	Extended length	Style	1-9	10-24	25-up
						PRICE EACH		
V3030-4	<b>BUY IT NOW</b>	1/16" (1.59mm)	9/64" (3.57mm)	4 ft.	straight	\$ 13.85	13.16	12.47
V3030-6	<b>BUY IT NOW</b>	1/16" (1.59mm)	9/64" (3.57mm)	6 ft.	straight	\$ 18.50	17.58	16.65
V3030-8	<b>BUY IT NOW</b>	1/16" (1.59mm)	9/64" (3.57mm)	8 ft.	straight	\$ 24.25	23.04	21.83

Custom Lengths Straight 1/16" Black Silicone Rubber Hose



## ESD-Safe Silicone, Custom Lengths

ESD Conductive flexible vacuum hose. This small diameter hose offers the ultimate in flexibility for operator ease of use. Made of black Silicone rubber. Available in straight and 1/16" (1.59mm) ID only.

The pricing is per foot. In the part number below replace the "L" with the length in feet that you want to order. *EXAMPLE: V3030-6 is the part number for a 1/16" (1.59mm) ID straight vacuum hose that has a 6 foot working length when extended.*

		Inside diameter	Outside diameter	Extended length	Style	1-9	10-24	25-up
						PRICE PER FOOT		
V3030-L	<b>BUY IT NOW</b>	1/16" (1.59mm)	9/64" (3.57mm)	custom	straight	\$ 3.50	3.33	3.15

Prices subject to change without notice.

# FITTINGS

ESD Safe



## Threaded Fittings

Adapt the hose sizes on page 36 to your factory air systems or other Virtual Industries products.

**V3018-1/8NPT** **BUY IT NOW** 1/8" (3.18mm) ID hose



**V3018-10-32** **BUY IT NOW** 1/8" (3.18mm) ID hose



**V3015-1/8NPT** **BUY IT NOW** 1/16" (1.59mm) ID hose



**V3015-10-32** **BUY IT NOW** 1/16" (1.59mm) ID hose



**V3015-6-32** **BUY IT NOW** 1/16" (1.59mm) ID hose



1-9      10-24      25-up  
PRICE EACH

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

These nickel plated Brass fittings are available in a variety of sizes to adapt to various hose sizes and vacuum sources.

Precision made threaded fitting



## Barbed Hose Adapters

Allows easy change from one size vacuum hose to another.

**VADAPT-1/8-3/16** **BUY IT NOW** Between 1/8" (3.18mm) and 3/16" (4.76mm) ID hose



**VADAPT-1/16-1/8** **BUY IT NOW** Between 1/16" (1.59mm) and 1/8" (3.18mm) ID hose



**VADAPT-1/16-3/16** **BUY IT NOW** Between 1/16" (1.59mm) and 3/16" (4.76mm) ID hose



**VADAPT-1/16-5mm** **BUY IT NOW** Between 1/16" (1.59mm) and 5mm ID hose



**VADAPT-1/16-1/4** **BUY IT NOW** Between 1/16" (1.59mm) and 1/4" (6.35mm)



**VADAPT-1/8-1/4** **BUY IT NOW** Between 1/8" (3.18mm) and 1/4" (6.35mm)



1-9      10-24      25-up  
PRICE EACH

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

\$ 4.35      4.13      3.92

Precision made barbed adapter for tight seal to hoses at each end



Prices subject to change without notice.

## FILTERS

## Vacuum Handling Tool Accessories



We provide a selection of filters with or without fittings to connect to 1/16" or 1/8" inside diameter hoses.



VF-1818



VF-MLPF



VF-13mm-.1um WF-1/16



VF-25mm-.3um NF

### In-Line Hose Filters ESD Safe Nickel Plated Brass

These filters come with a replaceable 40 micron mesh o-ring filter.

**VF-1616**

**BUY IT NOW**

Barbed hose filter – Inlet connection 1/16" (1.59mm) – Outlet connection 1/16" (1.59mm) ID hose



**VF-1818**

**BUY IT NOW**

Barbed hose filter – Inlet connection 1/8" (3.18mm) – Outlet connection 1/8" (3.18mm) ID hose



**VF-1816**

**BUY IT NOW**

Barbed hose filter/adapter – Inlet connection 1/16" (1.59mm) – Outlet connection 1/8" (3.18mm) ID hose



**VF-1618**

**BUY IT NOW**

Barbed hose filter/adapter – Inlet connection 1/8" (3.18mm) – Outlet connection 1/16" (1.59mm) ID hose



**VF-40M**

**BUY IT NOW**

Pack of 5 replaceable o-ring 40 micron mesh filters



### Press-Fit Filters ESD Safe Nickel Plated Brass

These filters come with a replaceable 40 micron mesh o-ring filter. For use with our PORTA-WAND, PORTA-VAC and Wafer Wands.

**VF-MLPF**

**BUY IT NOW**

Press-fit adapter with male luer



**VF-40M**

**BUY IT NOW**

Pack of 5 replaceable o-ring 40 micron mesh filters



### Non ESD Safe 13mm Filter

Available with or without barbed fittings to adapt to 1/16" ID vacuum hose.

The Non ESD Safe filter features 0.1µm particle size filtration, 35 psi maximum operating pressure. *Connections are: inlet female luer lock and outlet male slip lock.*

**VF-13mm-.1um WF-1/16**

**BUY IT NOW**

With barbed fittings



**VF-13mm-.1um NF**

**BUY IT NOW**

Without barbed fittings



### Non ESD Safe 25mm Filter

Available with or without barbed fittings to adapt to 1/16" ID vacuum hose.

The Non ESD Safe filter features 0.3µm particle size filtration, 35 psi maximum operating pressure. *Connections are: female luer lock and male luer lock, bi-directional flow.*

**VF-25mm-.3um WF-1/16**

**BUY IT NOW**

With barbed fittings



**VF-25mm-.3um NF**

**BUY IT NOW**

Without barbed fittings



1-9 10-24 25-up  
PRICE EACH

\$ 24.95 23.70 22.46

\$ 24.95 23.70 22.46

\$ 24.95 23.70 22.46

\$ 24.95 23.70 22.46

\$ 36.30 34.49 32.67

1-9 10-24 25-up  
PRICE EACH

\$ 49.95 47.45 44.96

\$ 36.30 34.49 32.67

1-9 10-24 25-up  
PRICE EACH

\$ 5.20 4.94 4.68

\$ 3.80 3.61 3.42

1-9 10-24 25-up  
PRICE EACH

\$ 5.20 4.94 4.68

\$ 3.80 3.61 3.42

Prices subject to change without notice.