

Vapor Systems Technologies, Inc. Petroleum Products List Price Schedule



Vapor Systems Technologies, Inc.
One Company – Integrated Solutions

Effective April 1, 2019

(Supersedes all previous price pages)

PEI
PETROLEUM EQUIPMENT INSTITUTE

Vapor Systems Technologies, Inc.



VST began in 1989 with the vision of One Company – Integrated Solutions.

Today, that philosophy is still in place and getting stronger. Recognizing that a healthier environment is a need and not an option, VST has dedicated its undivided attention to the ever changing, stringent regulations that govern fugitive vapors at gasoline dispensing facilities (GDF). To this challenge, VST is committed to a continual R&D campaign of developing the most current, technologically advanced solutions to service not only the United States, but also the world.

VST specializes in the development, engineering, manufacturing and sale of products that are sold into the GDF segment of the petroleum industry. The VST focus provides our customers and users with exceptional products, services, and innovative solutions for improving the fueling station experience as well as the world's air quality.

VST's product offering includes; curb pump and vapor recovery hoses, safety breakaways, nozzles, and underground storage tank pressure management processors. The ENVIRO-LOC™ vapor recovery product offering represents the most innovative concept in the industry for trapping fugitive vapors from the front end (vehicle refueling) to the back end (vent stacks) of a GDF site.



Vapor Systems Technologies, Inc.
One Company – Integrated Solutions

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ENVIRO-LOC™ EVR Hanging Hardware

 Listed and CARB EVR Certified



EVR Platinum Balance Whip Hose

- Non-Venturi Hose (VSTAP-EVR Series)
- Swivel Coupling Both Ends
- Multiple Lengths
- ✓ Anti-Stretch Safety Cable

EVR Balance Safety Breakaway

- Field Reattachable

EVR Balance Nozzle

- New or Rebuilt
- Dripless/Spitless
- Safety Interlock Design

EVR Platinum Balance Primary Hose

- Venturi Hose (VDVP-EVR Series)
- Patented Variable Design Venturi
- Larger Vapor Hose O.D.
- Swivel Coupling Both Ends
- Multiple Lengths
- Anti-Stretch Safety Cable

Certifications and Listings

- UL 330 Listed Hose Assemblies
- UL 567 Listed Safety Breakaway
- UL 2586 Listed Nozzle
- California Air Resource Board (CARB) Certified (Enhanced Vapor Recovery Specifications) EO VR-203 and 204
- California OSHA Approved
- California Department of Measurement Standards
- California State Fire Marshal
- California State Water Board





ENVIRO-LOC™ EVR Platinum Balance Hoses



Inner Hose: 5/8" ID wire braid, 150 PSI rated working pressure

Outer Hose: 1-1/2" ID helical wire reinforced gasoline and vapor resistant

Swivel Coupling: Aluminum insert and swivels with high grade Viton® seal

Venturi: Patented spring loaded variable design

Certification and Listing:

- UL 330 Listed Hose Assemblies
- CARB EVR Certified

ENVIRO-LOC™ Platinum Phase II Balance Enhanced Vapor Recovery (EVR) Products

VSTAP EVR Series Balance Non-Venturi Hoses 1-7/8" – 12 UN Thread

VDVP EVR Series Balance Venturi Hoses 1-7/8" – 12 UN Thread

Length	Part Number	List Price	Part Number	List Price
10"	VSTAP-EVR-010	\$159.94		
12"	VSTAP-EVR-012	\$159.94		
18"	VSTAP-EVR-018	\$174.94		
4.0'	VSTAP-EVR-048	\$215.00	VDVP-EVR-048	\$407.32
4.5'	VSTAP-EVR-054	\$229.98	VDVP-EVR-054	\$421.66
5.0'	VSTAP-EVR-060	\$244.98	VDVP-EVR-060	\$436.04
5.5'	VSTAP-EVR-066	\$259.98	VDVP-EVR-066	\$450.40
6.0'	VSTAP-EVR-072	\$274.98	VDVP-EVR-072	\$464.76
6.5'	VSTAP-EVR-078	\$290.06	VDVP-EVR-078	\$479.12
7.0'	VSTAP-EVR-084	\$305.06	VDVP-EVR-084	\$493.48
7.5'	VSTAP-EVR-090	\$320.08	VDVP-EVR-090	\$507.90
8.0'	VSTAP-EVR-096	\$335.10	VDVP-EVR-096	\$522.24
8.5'	VSTAP-EVR-102	\$350.08	VDVP-EVR-102	\$536.58
9.0'	VSTAP-EVR-108	\$365.12	VDVP-EVR-108	\$550.98
9.5'	VSTAP-EVR-114	\$381.64	VDVP-EVR-114	\$565.34
10.0'	VSTAP-EVR-120	\$398.14	VDVP-EVR-120	\$579.70
10.5'	VSTAP-EVR-126	\$414.64	VDVP-EVR-126	\$594.14
11.0'	VSTAP-EVR-132	\$431.18	VDVP-EVR-132	\$608.50
11.5'	VSTAP-EVR-138	\$447.70	VDVP-EVR-138	\$622.86
12.0'	VSTAP-EVR-144	\$464.18	VDVP-EVR-144	\$637.20
12.5'	VSTAP-EVR-150	\$480.70	VDVP-EVR-150	\$651.64

Packaging:

Whip Hoses Individually Boxed
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled

ENVIRO-LOC™ EVR Balance Hoses



Inner Hose: 5/8" ID wire braid, 150 PSI rated working pressure

Outer Hose: 1-1/2" ID helical wire reinforced gasoline and vapor resistant

Swivel Coupling: Aluminum insert and swivels with high grade Viton® seal

Venturi: Patented spring loaded variable design

Certification and Listing:

- UL 330 Listed Hose Assemblies
- CARB EVR Certified

ENVIRO-LOC™ Phase II Balance Enhanced Vapor Recovery (EVR) Products

VSTA EVR Series Balance Non-Venturi Hoses 1-7/8" – 12 UN Thread

VDV EVR Series Balance Venturi Hoses 1-7/8" – 12 UN Thread

Length	Part Number	List Price	Part Number	List Price
10"	VSTA-EVR-010	\$132.08		
12"	VSTA-EVR-012	\$132.08		
18"	VSTA-EVR-018	\$144.44		
4.0'	VSTA-EVR-048	\$177.48	VDV-EVR-048	\$350.88
4.5'	VSTA-EVR-054	\$189.90	VDV-EVR-054	\$363.26
5.0'	VSTA-EVR-060	\$202.26	VDV-EVR-060	\$375.64
5.5'	VSTA-EVR-066	\$214.64	VDV-EVR-066	\$387.98
6.0'	VSTA-EVR-072	\$227.02	VDV-EVR-072	\$400.42
6.5'	VSTA-EVR-078	\$239.44	VDV-EVR-078	\$412.78
7.0'	VSTA-EVR-084	\$251.86	VDV-EVR-084	\$425.14
7.5'	VSTA-EVR-090	\$264.24	VDV-EVR-090	\$437.54
8.0'	VSTA-EVR-096	\$276.68	VDV-EVR-096	\$449.94
8.5'	VSTA-EVR-102	\$289.04	VDV-EVR-102	\$462.28
9.0'	VSTA-EVR-108	\$301.46	VDV-EVR-108	\$474.66
9.5'	VSTA-EVR-114	\$315.08	VDV-EVR-114	\$487.06
10.0'	VSTA-EVR-120	\$328.70	VDV-EVR-120	\$499.40
10.5'	VSTA-EVR-126	\$342.32	VDV-EVR-126	\$511.88
11.0'	VSTA-EVR-132	\$355.98	VDV-EVR-132	\$524.24
11.5'	VSTA-EVR-138	\$369.62	VDV-EVR-138	\$536.62
12.0'	VSTA-EVR-144	\$383.24	VDV-EVR-144	\$548.96
12.5'	VSTA-EVR-150	\$396.86	VDV-EVR-150	\$561.36

Packaging:

Whip Hoses Individually Boxed
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled



ENVIRO-LOC™ EVR Balance G2 Nozzles



Casting: Aluminum

Spout: Aluminum

Seals/O-Rings: Viton® Seals and Nitrile O-Rings

Temperature Range: -40°F to +120°F (-40°C to +49°C) Continuous Service

Weight: 3.3 lbs.

Certification and Listing:

- UL 2586 Listed Nozzle
- CARB EVR Certified

EVR Balance G2 Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ EVR Balance G2 Nozzles (new)	VST-EVR-NB(cc)-2	\$1,013.30
ENVIRO-LOC™ EVR Balance G2 Nozzles (rebuilt)	VST-EVR-NB(cc)R-2	\$1,013.30

EVR Balance Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ EVR Balance Nozzles (core)	VST-VR-NBC	Contact VST Distributor for Details

cc = Color Code for nozzle scuffguard

Color Code Key: Black = BK, Green = GN, Red = RD, Blue = BU, Yellow = YL, White = WH

EVR Hanging Hardware Replacement Parts and Testing Tools

EVR Hanging Hardware Replacement Parts and Tools

EVR Balance G2 Nozzle Replacement Parts

Description	Part Number	List Price
Front End Kit - Pre-Assembled (includes VCK & NSA)	VST-FEK-300	\$349.10
Vapor Collection Kit - (boot assembly ONLY)	VST-VCK-300	\$199.50
Nozzle Spout Assembly - (spout assembly ONLY)	VST-NSA-300	\$208.32
Upper Band Clamp - (G2 ONLY)	VST-UBC-300	\$12.96
EVR Balance Nozzle Scuff Guard	VST-SGNB-cc	\$44.90

EVR Balance Nozzle Testing Tools

Description	Part Number	List Price
Nozzle Spout Test Plug	VST-STP-100	\$94.96
Nozzle Test Surrogate Spout	VST-TSS-100	\$474.94
Nozzle Spout Test Adapter	VST-STA-100	\$949.88
Nozzle Spout Test Adapter Sponge Seals (5 Sponge Seals)	VST-TAS-100	\$94.96
Nozzle Spout Nut Ratchet Head	VST-SRT-200	\$569.88
Nozzle Torque Tool	VST-NTT-100	\$237.50
Nozzle Band Clamp Pincers	VST-BPT-100	\$474.94

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled

ENVIRO-LOC™ EVR Balance Safety Breakaways

Field Reattachable



Thread: 1-7/8" x 12 UN 2B (female thread)

Seals: High quality Viton® seals

Body: Machined aluminum

Certification and Listing:

- UL 567 Listed Breakaways
- CARB EVR Certified

EVR Balance Safety Breakaways		
Description	Part Number	List Price
Reattachable Safety Breakaway	VSTA-EVR-SBKA	\$288.42
EVR Balance Safety Breakaway Factory Service		
Description	Service Number	List Price
Factory Repair Service for VSTA-EVR-SBKA	SERV-SBKA	\$190.00
EVR Balance Safety Breakaway Core Policy		
Description	Part Number	Core Value (net)
EVR Safety Breakaway (core)	Requires Both Halves	Contact VST Distributor for Details
EVR Balance Reattachable Safety Breakaway Replacement Parts		
Description	Part Number	List Price
Reattachable Breakaway Repair Kit (5 sets)	VST-BRK-100	\$157.82
Replacement Grease Packets (20 sets of P/N 2544-001)	VST-GRE-100	\$157.82
Safety Breakaway Scuff Guards (5 sets of 2 or 10 units)	VST-BBSG-100	\$124.76
EVR Reattachable Safety Breakaway Repair Tool		
Description	Part Number	List Price
Breakaway Assembly Tool for EVR Balance Breakaway	VST-BAT-100	\$473.46
Assembly Tool Plates for EVR Balance Breakaway Tool	VST-ATP-100	\$288.02

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled

 Listed and CARB EVR Certified



ENVIRO-LOC™ 3/4" Vapor Assist Low Perm Hoses

Inner Vapor Hose: Nylon

Outer Hose:

- High grade Nitrile Tube
- Two Textile Braids with Dual Helix Wire
- Chlorinated Polyethylene (CPE)

Couplings: Various end styles

Temperature Range: -40°F to +120° (-40°C to +49°C) Continuous Service

Certification and Listing:

- UL 330 Listed Hose Assemblies
- CARB EVR Certified

EV Series Curb Hoses			EV Series Curb Hoses	
1-1/4" - 18 Straight Thread / 2 Swivels (Healy-Style)			M-34 Thread / 2 Swivels	
Length	Part Number	List Price	Part Number	List Price
8"	V34EV-008-HSHS	\$160.22	V34EV-008-VSVS	\$160.22
12"	V34EV-012-HSHS	\$160.22	V34EV-012-VSVS	\$160.22
4.0'	V34EV-048-HSHS	\$271.14	V34EV-048-VSVS	\$271.14
4.5'	V34EV-054-HSHS	\$343.52	V34EV-054-VSVS	\$309.18
5.0'	V34EV-060-HSHS	\$360.46	V34EV-060-VSVS	\$324.44
5.5'	V34EV-066-HSHS	\$377.44	V34EV-066-VSVS	\$339.66
6.0'	V34EV-072-HSHS	\$394.36	V34EV-072-VSVS	\$354.92
6.5'	V34EV-078-HSHS	\$411.32	V34EV-078-VSVS	\$370.18
7.0'	V34EV-084-HSHS	\$428.24	V34EV-084-VSVS	\$385.46
7.5'	V34EV-090-HSHS	\$445.20	V34EV-090-VSVS	\$400.68
8.0'	V34EV-096-HSHS	\$462.16	V34EV-096-VSVS	\$415.94
8.5'	V34EV-102-HSHS	\$479.08	V34EV-102-VSVS	\$431.18
9.0'	V34EV-108-HSHS	\$496.02	V34EV-108-VSVS	\$446.44
9.5'	V34EV-114-HSHS	\$513.02	V34EV-114-VSVS	\$461.66
10.0'	V34EV-120-HSHS	\$529.92	V34EV-120-VSVS	\$476.96
10.5'	V34EV-126-HSHS	\$546.88	V34EV-126-VSVS	\$492.18
11.0'	V34EV-132-HSHS	\$563.82	V34EV-132-VSVS	\$507.44
11.5'	V34EV-138-HSHS	\$580.76	V34EV-138-VSVS	\$522.66
12.0'	V34EV-144-HSHS	\$597.72	V34EV-144-VSVS	\$537.90
12.5'	V34EV-150-HSHS	\$614.66	V34EV-150-VSVS	\$553.18
13.0'	V34EV-156-HSHS	\$631.58	V34EV-156-VSVS	\$568.44
14.0'	V34EV-168-HSHS	\$665.48	V34EV-168-VSVS	\$598.92

Coupling Nomenclature Key

End Style	Description
VS	M-34 (Swivel)
HS	Healy-Style 1-1/4" - 18 Straight Thread (Swivel)
BR	Balance 1-7/8" - 12 UN Thread (Rigid)

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled

ENVIRO-LOC™ 3/4" Vapor Assist Low Perm Hoses

 Listed and CARB EVR Certified

EV Series Curb Hoses

1-7/8" - 12 UN Thread to 1-1/4" - 18 Thread / 1 Balance Rigid & 1 Healy-Style Swivel

Length	Part Number	List Price
8"	V34EV-008-BRHS	\$227.98
12"	V34EV-012-BRHS	\$227.98
4.0'	V34EV-048-BRHS	\$323.48
4.5'	V34EV-054-BRHS	\$339.42
5.0'	V34EV-060-BRHS	\$389.06
5.5'	V34EV-066-BRHS	\$406.10
6.0'	V34EV-072-BRHS	\$426.60
6.5'	V34EV-078-BRHS	\$435.86
7.0'	V34EV-084-BRHS	\$445.32
7.5'	V34EV-090-BRHS	\$467.94
8.0'	V34EV-096-BRHS	\$491.62
8.5'	V34EV-102-BRHS	\$518.60
9.0'	V34EV-108-BRHS	\$536.74

EV Series Curb Hoses

1-1/4" - 18 Straight Thread (Healy-Style) to M34 Thread

Length	Part Number	List Price
8"	V34EV-008-HSVS	\$160.22
12"	V34EV-012-HSVS	\$160.22
4.0'	V34EV-048-HSVS	\$271.14

Inner Vapor Hose: Nylon

Outer Hose:

- High grade Nitrile Tube
- Two Textile Braids with Dual Helix Wire
- Chlorinated Polyethylene (CPE)

Couplings: Various end styles

Temperature Range: -40°F to +120° (-40°C to +49°C)

Continuous Service

Certification and Listing:

- UL 330 Listed Hose Assemblies
- CARB EVR Certified



Whip Hose Coupling Options

EVR Vapor Assist Safety Breakaways

Field Reattachable



Thread: 1-1/4" x 18 Straight Thread (Healy) or M34 Thread options

Seals: High quality Viton® and Nitrile O-Rings

Body: Machined aluminum

Certification and Listing:

- UL 567 Listed Breakaways
- CARB EVR Certified

EVR Vapor Assist Safety Breakaways

Description	Part Number	List Price
EVR Healy-Style Field Reattachable Safety Breakaway	VST-HEVR-SBK	\$286.32
EVR M34 Field Reattachable Safety Breakaway	VST-ISVR-SBK	\$286.32

EVR Healy-Style Vapor Assist Breakaway Repair Tool

Description	Part Number	List Price
Breakaway Assembly Tool for EVR Assist Breakaway	VST-BAT-200	\$473.46
Assembly Tool Plates for EVR Assist Breakaway Tool*	VST-ATP-200	\$288.02

* These plates may be used on a VST-BAT-100 Balance Breakaway Repair Tool

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled



Vapor Recovery Assist Hoses and Safety Breakaways



Field Reattachable
Breakaway

Inner Vapor Hose: Nylon

Outer Hose:

- Nitrile Tube
- Wire Braid
- Chlorinated Polyethylene (CPE) Cover, Nominal OD 1.22"

ISP Couplings:

M34 Thread, Rigid and
Swivel (Lip Seal)

Healy Couplings:

1-1/4" – 18 / Straight
Thread, Swivel (Lip Seal)

Temperature Range:

-40°F to +120° (-40°C to
+49°C) Continuous Service

Certification and Listing:

- UL 330 Listed Hose Assemblies
- CARB Certified (Pre-EVR)

Safety Breakaway Threads:

- IS Thread: M34

Seals: High quality Viton®
and Nitrile O-rings

Body: Machined aluminum

Certification and Listing:

- UL 567 Listed Breakaway
- CARB Certified (Pre-EVR)

ULTRA VAC ISP Series			GG Series*	
M-34 Thread / 1 Rigid & 1 Swivel			1-1/4" - 18 Straight Thread	
Length	Part Number	List Price	Part Number	List Price
6"	VST-ISP-006	\$164.74		
8"	VST-ISP-008	\$164.74	VST-H-008-GG	\$180.12
12"	VST-ISP-012	\$164.74	VST-H-012-GG	\$180.12
M-34 Thread / 2 Swivel Ends				
4.0'	VST-ISP-048-SS	\$258.84	VST-H-048-GG	\$277.16
4.5'	VST-ISP-054-SS	\$268.28	VST-H-054-GG	\$290.98
5.0'	VST-ISP-060-SS	\$277.70	VST-H-060-GG	\$304.78
5.5'	VST-ISP-066-SS	\$287.14	VST-H-066-GG	\$318.72
6.0'	VST-ISP-072-SS	\$296.48	VST-H-072-GG	\$332.60
6.5'	VST-ISP-078-SS	\$305.90	VST-H-078-GG	\$346.34
7.0'	VST-ISP-084-SS	\$315.34	VST-H-084-GG	\$360.24
7.5'	VST-ISP-090-SS	\$324.74	VST-H-090-GG	\$374.16
8.0'	VST-ISP-096-SS	\$334.20	VST-H-096-GG	\$388.02
8.5'	VST-ISP-102-SS	\$343.58	VST-H-102-GG	\$401.84
9.0'	VST-ISP-108-SS	\$352.96	VST-H-108-GG	\$415.62
9.5'	VST-ISP-114-SS	\$362.42	VST-H-114-GG	\$429.60
10.0'	VST-ISP-120-SS	\$371.86	VST-H-120-GG	\$443.38
10.5'	VST-ISP-126-SS	\$381.26	VST-H-126-GG	\$457.24
11.0'	VST-ISP-132-SS	\$390.62	VST-H-132-GG	\$471.08
11.5'	VST-ISP-138-SS	\$400.08	VST-H-138-GG	\$484.98
12.0'	VST-ISP-144-SS	\$409.46	VST-H-144-GG	\$498.80
12.5'	VST-ISP-150-SS	\$418.88	VST-H-150-GG	\$512.72
13.0'	VST-ISP-156-SS	\$428.32		
14.0'	VST-ISP-168-SS	\$447.14		

Vapor Assist Safety Breakaways		
Description	Part Number	List Price
Pre-EVR Field Reattachable Safety Breakaway - M34 Thread	VST-IS-SBK	\$265.86
Vapor Assist ADD-ON Products		
Description	Part Number	List Price
Built-In 10 GPM Maximum Flow Regulator	Add Ext. FLO	\$15.62

* Healy-Style assemblies come with swivels on both ends

Conventional Fueling Products



VSTaflex™ Whip Hose

- VSTaflex™ Hose Assemblies
5/8", 3/4" and 1" Hose ID
- Male Rigid and Male Swivel Couplings
- Multiple Lengths
- In-Line Flow Limiter For 3/4"
- UL 330 Listed Hose Assemblies

SENTRY Safety Breakaway

- Field Reattachable
- UL 567 Listed Breakaway

ENVIRO-LOC™ ECO Nozzle

- Dripless/Spitless*
- Unique Interlock Design
for Safety*
- UL 2586 Listed Nozzle
- California Air Resource Board
(CARB Certified)

VSTaflex™ Primary Hose Assemblies

- VSTaflex™ Hose Assemblies
5/8", 3/4" and 1" Hose ID
- Male Rigid and Male Swivel Couplings
- Unique "Lip Seal" Hose Swivel*
- Multiple Lengths
- UL 330 Listed Hose Assemblies

* Designates unique feature or technology which can be found in the VST Technical Section





VSTaflex™ 5/8" Primary and Whip Hoses



Tube: High grade Nitrile

Reinforcement: One wire braid, 150 PSI working pressure

Cover: CPE (Chlorinated Polyethylene)

Temperature Range: -40°F to +120°F (-40°C to +49°C) Continuous Service

Couplings: 3/4" NPT Male Rigid and Male Swivel

Certification and Listing: UL 330 Listed Hose Assemblies

VSTaflex™ Series Curb Pump Assemblies						
5/8" Hose - Wirebraid 3/4" NPT Coupling / 2 Rigid Ends			5/8" Hose - Wirebraid 3/4" NPT Coupling / 1 Rigid & 1 Swivel End		5/8" Hose - Wirebraid 3/4" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V58CP-008-MRMR	\$29.26	V58CP-008-MRMS	\$46.18	V58CP-008-MSMS	\$64.26
9"	V58CP-009-MRMR	\$29.58	V58CP-009-MRMS	\$46.48	V58CP-009-MSMS	\$65.02
10"	V58CP-010-MRMR	\$29.86	V58CP-010-MRMS	\$46.78	V58CP-010-MSMS	\$65.80
12"	V58CP-012-MRMR	\$31.26	V58CP-012-MRMS	\$47.46	V58CP-012-MSMS	\$67.38
2.0'	V58CP-024-MRMR	\$44.70	V58CP-024-MRMS	\$61.90	V58CP-024-MSMS	\$76.00
4.0'	V58CP-048-MRMR	\$58.08	V58CP-048-MRMS	\$76.28	V58CP-048-MSMS	\$88.74
6.0'	V58CP-072-MRMR	\$68.70	V58CP-072-MRMS	\$86.98	V58CP-072-MSMS	\$100.66
8.0'	V58CP-096-MRMR	\$71.28	V58CP-096-MRMS	\$93.80	V58CP-096-MSMS	\$109.86
8.5'	V58CP-102-MRMR	\$74.52	V58CP-102-MRMS	\$97.50	V58CP-102-MSMS	\$113.68
9.0'	V58CP-108-MRMR	\$77.84	V58CP-108-MRMS	\$101.16	V58CP-108-MSMS	\$117.30
9.5'	V58CP-114-MRMR	\$81.18	V58CP-114-MRMS	\$102.86	V58CP-114-MSMS	\$121.08
10.0'	V58CP-120-MRMR	\$84.46	V58CP-120-MRMS	\$104.42	V58CP-120-MSMS	\$124.86
10.5'	V58CP-126-MRMR	\$87.72	V58CP-126-MRMS	\$107.46	V58CP-126-MSMS	\$132.34
11.0'	V58CP-132-MRMR	\$91.22	V58CP-132-MRMS	\$110.26	V58CP-132-MSMS	\$139.84
12.0'	V58CP-144-MRMR	\$97.38	V58CP-144-MRMS	\$116.86	V58CP-144-MSMS	\$147.34
13.0'	V58CP-156-MRMR	\$103.52	V58CP-156-MRMS	\$123.44	V58CP-156-MSMS	\$154.86
14.0'	V58CP-168-MRMR	\$109.70	V58CP-168-MRMS	\$130.04	V58CP-168-MSMS	\$162.36
15.0'	V58CP-180-MRMR	\$115.82	V58CP-180-MRMS	\$136.64	V58CP-180-MSMS	\$169.88
16.0'	V58CP-192-MRMR	\$121.96	V58CP-192-MRMS	\$143.20	V58CP-192-MSMS	\$177.38
17.0'	V58CP-204-MRMR	\$128.12	V58CP-204-MRMS	\$149.80	V58CP-204-MSMS	\$184.92
18.0'	V58CP-216-MRMR	\$134.26	V58CP-216-MRMS	\$156.36	V58CP-216-MSMS	\$192.38
19.0'	V58CP-228-MRMR	\$140.44	V58CP-228-MRMS	\$162.94	V58CP-228-MSMS	\$199.90
20.0'	V58CP-240-MRMR	\$146.58	V58CP-240-MRMS	\$169.54	V58CP-240-MSMS	\$207.42

VSTaflex™ Series Curb Pump Add-On Options	
5/8" Hose - Wirebraid Per foot Add-On	
Description	List Price
5/8" Hose - per foot add-on	\$7.58

Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled

VSTaflex™ 3/4" Primary and Whip Hoses

Tube: High grade Nitrile

Reinforcement: One wire braid, 150 PSI working pressure

Cover: CPE (Chlorinated Polyethylene)

Temperature Range: -40°F to +120°F (-40°C to +49°C) Continuous Service

Couplings: 3/4" NPT Male Rigid and Male Swivel

Certification and Listing: UL 330 Listed Hose Assemblies

VSTaflex™ Series Curb Pump Assemblies						
3/4" Hose - Wirebraid			3/4" Hose - Wirebraid		3/4" Hose - Wirebraid	
3/4" NPT Coupling / 2 Rigid Ends			3/4" NPT Coupling / 1 Rigid & 1 Swivel End		3/4" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V34CP-008-MRMR	\$33.90	V34CP-008-MRMS	\$50.86	V34CP-008-MSMS	\$80.92
9"	V34CP-009-MRMR	\$34.18	V34CP-009-MRMS	\$51.12	V34CP-009-MSMS	\$81.92
10"	V34CP-010-MRMR	\$34.46	V34CP-010-MRMS	\$51.38	V34CP-010-MSMS	\$82.88
12"	V34CP-012-MRMR	\$35.58	V34CP-012-MRMS	\$51.88	V34CP-012-MSMS	\$84.98
2.0'	V34CP-024-MRMR	\$60.28	V34CP-024-MRMS	\$76.28	V34CP-024-MSMS	\$96.00
4.0'	V34CP-048-MRMR	\$71.74	V34CP-048-MRMS	\$87.74	V34CP-048-MSMS	\$105.40
6.0'	V34CP-072-MRMR	\$82.40	V34CP-072-MRMS	\$99.20	V34CP-072-MSMS	\$115.20
8.0'	V34CP-096-MRMR	\$87.54	V34CP-096-MRMS	\$104.70	V34CP-096-MSMS	\$122.76
8.5'	V34CP-102-MRMR	\$90.12	V34CP-102-MRMS	\$108.34	V34CP-102-MSMS	\$127.04
9.0'	V34CP-108-MRMR	\$94.10	V34CP-108-MRMS	\$111.90	V34CP-108-MSMS	\$131.32
9.5'	V34CP-114-MRMR	\$98.10	V34CP-114-MRMS	\$115.54	V34CP-114-MSMS	\$135.62
10.0'	V34CP-120-MRMR	\$102.12	V34CP-120-MRMS	\$119.14	V34CP-120-MSMS	\$139.92
10.5'	V34CP-126-MRMR	\$106.06	V34CP-126-MRMS	\$122.70	V34CP-126-MSMS	\$144.18
11.0'	V34CP-132-MRMR	\$110.12	V34CP-132-MRMS	\$126.26	V34CP-132-MSMS	\$148.48
12.0'	V34CP-144-MRMR	\$116.20	V34CP-144-MRMS	\$133.46	V34CP-144-MSMS	\$157.06
13.0'	V34CP-156-MRMR	\$124.10	V34CP-156-MRMS	\$140.62	V34CP-156-MSMS	\$165.62
14.0'	V34CP-168-MRMR	\$131.94	V34CP-168-MRMS	\$147.80	V34CP-168-MSMS	\$174.20
15.0'	V34CP-180-MRMR	\$137.64	V34CP-180-MRMS	\$154.92	V34CP-180-MSMS	\$182.76
16.0'	V34CP-192-MRMR	\$143.10	V34CP-192-MRMS	\$162.06	V34CP-192-MSMS	\$191.32
17.0'	V34CP-204-MRMR	\$150.74	V34CP-204-MRMS	\$169.22	V34CP-204-MSMS	\$199.88
18.0'	V34CP-216-MRMR	\$158.34	V34CP-216-MRMS	\$176.38	V34CP-216-MSMS	\$208.46
19.0'	V34CP-228-MRMR	\$166.00	V34CP-228-MRMS	\$183.56	V34CP-228-MSMS	\$217.00
20.0'	V34CP-240-MRMR	\$173.64	V34CP-240-MRMS	\$190.68	V34CP-240-MSMS	\$225.58

VSTaflex™ Series Curb Pump Add-On Options				
3/4" Hose - Wirebraid				
Whip Hoses with Flow Limiters				
2 Rigid Ends w/ 1 Flow Limiter			1 Rigid End w/ Flow Limiter & 1 Swivel End	
Length	Part Number	List Price	Part Number	List Price
8"	V34CP-008-MRMF	\$52.98	V34CP-008-MSMF	\$69.92
9"	V34CP-009-MRMF	\$53.28	V34CP-009-MSMF	\$70.22
10"	V34CP-010-MRMF	\$53.56	V34CP-010-MSMF	\$70.46
12"	V34CP-012-MRMF	\$54.66	V34CP-012-MSMF	\$70.96

VSTaflex™ Series Curb Pump Add-On Options	
3/4" Hose - Wirebraid	
Per foot Add-On	
Description	List Price
3/4" Hose - per foot add-on	\$10.26

Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel
MF	NPT Male Rigid w/ Flow Limiter

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled



VSTaflex™ 1" Primary and Whip Hoses

Tube: High grade Nitrile

Reinforcement: One wire braid, 150 PSI working pressure

Cover: CPE (Chlorinated Polyethylene)

Temperature Range: -40°F to +120°F (-40°C to +49°C) Continuous Service

Couplings: 1" NPT Male Rigid and Male Swivel

Certification and Listing: UL 330 Listed Hose Assemblies

VSTaflex™ Series Curb Pump Assemblies

1" Hose - Wirebraid 1" NPT Coupling / 2 Rigid Ends			1" Hose - Wirebraid 1" NPT Coupling / 1 Rigid & 1 Swivel End		1" Hose - Wirebraid 1" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V10CP-008-MRMR	\$48.46	V10CP-008-MRMS	\$75.18	V10CP-008-MSMS	\$100.80
9"	V10CP-009-MRMR	\$49.34	V10CP-009-MRMS	\$76.04	V10CP-009-MSMS	\$102.24
10"	V10CP-010-MRMR	\$50.20	V10CP-010-MRMS	\$76.90	V10CP-010-MSMS	\$103.68
12"	V10CP-012-MRMR	\$52.66	V10CP-012-MRMS	\$80.08	V10CP-012-MSMS	\$106.62
2.0'	V10CP-024-MRMR	\$84.68	V10CP-024-MRMS	\$100.56	V10CP-024-MSMS	\$124.98
4.0'	V10CP-048-MRMR	\$95.36	V10CP-048-MRMS	\$110.28	V10CP-048-MSMS	\$135.34
6.0'	V10CP-072-MRMR	\$105.40	V10CP-072-MRMS	\$117.66	V10CP-072-MSMS	\$144.50
8.0'	V10CP-096-MRMR	\$112.78	V10CP-096-MRMS	\$137.60	V10CP-096-MSMS	\$164.28
8.5'	V10CP-102-MRMR	\$118.22	V10CP-102-MRMS	\$142.56	V10CP-102-MSMS	\$169.26
9.0'	V10CP-108-MRMR	\$123.56	V10CP-108-MRMS	\$147.50	V10CP-108-MSMS	\$174.22
9.5'	V10CP-114-MRMR	\$128.92	V10CP-114-MRMS	\$152.48	V10CP-114-MSMS	\$179.18
10.0'	V10CP-120-MRMR	\$131.42	V10CP-120-MRMS	\$157.44	V10CP-120-MSMS	\$184.16
10.5'	V10CP-126-MRMR	\$138.28	V10CP-126-MRMS	\$164.02	V10CP-126-MSMS	\$190.70
11.0'	V10CP-132-MRMR	\$143.04	V10CP-132-MRMS	\$167.02	V10CP-132-MSMS	\$193.74
12.0'	V10CP-144-MRMR	\$150.02	V10CP-144-MRMS	\$176.38	V10CP-144-MSMS	\$203.06
13.0'	V10CP-156-MRMR	\$159.74	V10CP-156-MRMS	\$185.70	V10CP-156-MSMS	\$212.38
14.0'	V10CP-168-MRMR	\$169.44	V10CP-168-MRMS	\$195.02	V10CP-168-MSMS	\$221.72
15.0'	V10CP-180-MRMR	\$179.16	V10CP-180-MRMS	\$204.38	V10CP-180-MSMS	\$231.06
16.0'	V10CP-192-MRMR	\$188.86	V10CP-192-MRMS	\$213.72	V10CP-192-MSMS	\$240.38
17.0'	V10CP-204-MRMR	\$198.58	V10CP-204-MRMS	\$223.04	V10CP-204-MSMS	\$249.70
18.0'	V10CP-216-MRMR	\$208.28	V10CP-216-MRMS	\$232.38	V10CP-216-MSMS	\$259.08
19.0'	V10CP-228-MRMR	\$217.96	V10CP-228-MRMS	\$241.68	V10CP-228-MSMS	\$268.38
20.0'	V10CP-240-MRMR	\$227.66	V10CP-240-MRMS	\$251.02	V10CP-240-MSMS	\$277.72

VSTaflex™ Series Curb Pump Add-On Options

1" Hose - Wirebraid

Per foot Add-On

Description	List Price
1" Hose - per foot add-on	\$12.04

Coupling Nomenclature Key

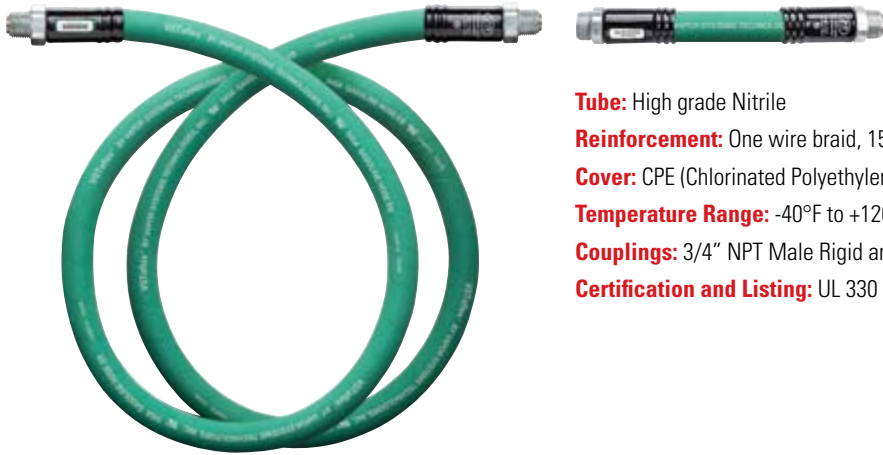
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled

VSTaflex™ Green 3/4" Primary and Whip Hoses



Tube: High grade Nitrile

Reinforcement: One wire braid, 150 PSI working pressure

Cover: CPE (Chlorinated Polyethylene)

Temperature Range: -40°F to +120°F (-40°C to +49°C) Continuous Service

Couplings: 3/4" NPT Male Rigid and Male Swivel

Certification and Listing: UL 330 Listed Hose Assemblies

VSTaflex™ Series Green Curb Pump Assemblies						
3/4" Hose - Wirebraid 3/4" NPT Coupling / 2 Rigid Ends			3/4" Hose - Wirebraid 3/4" NPT Coupling / 1 Rigid & 1 Swivel End		3/4" Hose - Wirebraid 3/4" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V34CPG-008-MRMR	\$40.70	V34CPG-008-MRMS	\$61.58	V34CPG-008-MSMS	\$96.36
9"	V34CPG-009-MRMR	\$41.32	V34CPG-009-MRMS	\$62.26	V34CPG-009-MSMS	\$97.52
10"	V34CPG-010-MRMR	\$41.98	V34CPG-010-MRMS	\$62.82	V34CPG-010-MSMS	\$98.40
12"	V34CPG-012-MRMR	\$42.98	V34CPG-012-MRMS	\$64.50	V34CPG-012-MSMS	\$101.86
4.0'	V34CPG-048-MRMR	\$76.76	V34CPG-048-MRMS	\$92.80	V34CPG-048-MSMS	\$111.96
8.0'	V34CPG-096-MRMR	\$101.12	V34CPG-096-MRMS	\$116.46	V34CPG-096-MSMS	\$131.80
8.5'	V34CPG-102-MRMR	\$106.04	V34CPG-102-MRMS	\$121.38	V34CPG-102-MSMS	\$136.72
9.0'	V34CPG-108-MRMR	\$110.94	V34CPG-108-MRMS	\$126.24	V34CPG-108-MSMS	\$141.60
9.5'	V34CPG-114-MRMR	\$115.80	V34CPG-114-MRMS	\$131.16	V34CPG-114-MSMS	\$146.50
10.0'	V34CPG-120-MRMR	\$120.70	V34CPG-120-MRMS	\$136.06	V34CPG-120-MSMS	\$151.38
10.5'	V34CPG-126-MRMR	\$125.60	V34CPG-126-MRMS	\$140.92	V34CPG-126-MSMS	\$156.28
11.0'	V34CPG-132-MRMR	\$130.52	V34CPG-132-MRMS	\$145.84	V34CPG-132-MSMS	\$161.18
12.0'	V34CPG-144-MRMR	\$140.26	V34CPG-144-MRMS	\$155.64	V34CPG-144-MSMS	\$170.94
13.0'	V34CPG-156-MRMR	\$150.10	V34CPG-156-MRMS	\$165.40	V34CPG-156-MSMS	\$180.78
14.0'	V34CPG-168-MRMR	\$159.88	V34CPG-168-MRMS	\$175.20	V34CPG-168-MSMS	\$190.54
15.0'	V34CPG-180-MRMR	\$169.68	V34CPG-180-MRMS	\$185.00	V34CPG-180-MSMS	\$200.34
16.0'	V34CPG-192-MRMR	\$179.44	V34CPG-192-MRMS	\$194.80	V34CPG-192-MSMS	\$210.12
17.0'	V34CPG-204-MRMR	\$189.22	V34CPG-204-MRMS	\$204.58	V34CPG-204-MSMS	\$219.92
18.0'	V34CPG-216-MRMR	\$199.02	V34CPG-216-MRMS	\$214.36	V34CPG-216-MSMS	\$229.70
19.0'	V34CPG-228-MRMR	\$208.80	V34CPG-228-MRMS	\$224.14	V34CPG-228-MSMS	\$239.46
20.0'	V34CPG-240-MRMR	\$218.62	V34CPG-240-MRMS	\$233.94	V34CPG-240-MSMS	\$249.28

VSTaflex™ Series Green Curb Pump Add-On Options	
3/4" Hose - Wirebraid Per foot Add-On	
Description	List Price
3/4" Hose - per foot add-on	\$12.32

Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled



VSTaflex™ Green 1" Primary and Whip Hoses

Tube: High grade Nitrile

Reinforcement: One wire braid, 150 PSI working pressure

Cover: CPE (Chlorinated Polyethylene)

Temperature Range: -40°F to +120°F (-40°C to +49°C) Continuous Service

Couplings: 1" NPT Male Rigid and Male Swivel

Certification and Listing: UL 330 Listed Hose Assemblies

VSTaflex™ Series Green Curb Pump Assemblies						
1" Hose - Wirebraid 1" NPT Coupling / 2 Rigid Ends			1" Hose - Wirebraid 1" NPT Coupling / 1 Rigid & 1 Swivel End		1" Hose - Wirebraid 1" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V10CPG-008-MRMR	\$50.46	V10CPG-008-MRMS	\$79.56	V10CPG-008-MSMS	\$108.58
9"	V10CPG-009-MRMR	\$52.48	V10CPG-009-MRMS	\$81.58	V10CPG-009-MSMS	\$110.58
10"	V10CPG-010-MRMR	\$54.46	V10CPG-010-MRMS	\$83.60	V10CPG-010-MSMS	\$112.58
12"	V10CPG-012-MRMR	\$58.50	V10CPG-012-MRMS	\$87.64	V10CPG-012-MSMS	\$116.64
4.0'	V10CPG-048-MRMR	\$91.00	V10CPG-048-MRMS	\$113.32	V10CPG-048-MSMS	\$149.18
8.0'	V10CPG-096-MRMR	\$125.20	V10CPG-096-MRMS	\$143.22	V10CPG-096-MSMS	\$173.52
8.5'	V10CPG-102-MRMR	\$131.66	V10CPG-102-MRMS	\$147.26	V10CPG-102-MSMS	\$179.36
9.0'	V10CPG-108-MRMR	\$138.16	V10CPG-108-MRMS	\$153.72	V10CPG-108-MSMS	\$186.56
9.5'	V10CPG-114-MRMR	\$144.64	V10CPG-114-MRMS	\$160.22	V10CPG-114-MSMS	\$192.36
10.0'	V10CPG-120-MRMR	\$151.10	V10CPG-120-MRMS	\$166.68	V10CPG-120-MSMS	\$195.06
10.5'	V10CPG-126-MRMR	\$157.58	V10CPG-126-MRMS	\$173.18	V10CPG-126-MSMS	\$201.84
11.0'	V10CPG-132-MRMR	\$164.04	V10CPG-132-MRMS	\$179.66	V10CPG-132-MSMS	\$207.90
12.0'	V10CPG-144-MRMR	\$177.00	V10CPG-144-MRMS	\$192.58	V10CPG-144-MSMS	\$213.72
13.0'	V10CPG-156-MRMR	\$189.96	V10CPG-156-MRMS	\$205.56	V10CPG-156-MSMS	\$221.12
14.0'	V10CPG-168-MRMR	\$202.92	V10CPG-168-MRMS	\$218.50	V10CPG-168-MSMS	\$234.10
15.0'	V10CPG-180-MRMR	\$215.88	V10CPG-180-MRMS	\$231.46	V10CPG-180-MSMS	\$247.06
16.0'	V10CPG-192-MRMR	\$228.80	V10CPG-192-MRMS	\$244.44	V10CPG-192-MSMS	\$259.98
17.0'	V10CPG-204-MRMR	\$241.78	V10CPG-204-MRMS	\$257.38	V10CPG-204-MSMS	\$272.96
18.0'	V10CPG-216-MRMR	\$254.74	V10CPG-216-MRMS	\$270.34	V10CPG-216-MSMS	\$285.90
19.0'	V10CPG-228-MRMR	\$267.70	V10CPG-228-MRMS	\$283.30	V10CPG-228-MSMS	\$298.90
20.0'	V10CPG-240-MRMR	\$280.66	V10CPG-240-MRMS	\$296.24	V10CPG-240-MSMS	\$311.86

VSTaflex™ Series Green Curb Pump Add-On Options	
1" Hose - Wirebraid Per foot Add-On	
Description	List Price
1" Hose - per foot add-on	\$15.10

Coupling Nomenclature Key	
End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled

VSTaflex™ Blue 3/4" Primary and Whip Hoses



Tube: High grade Nitrile

Reinforcement: One wire braid, 150 PSI working pressure

Cover: CPE (Chlorinated Polyethylene)

Temperature Range: -40°F to +120°F (-40°C to +49°C) Continuous Service

Couplings: 3/4" NPT Male Rigid and Male Swivel

Certification and Listing: UL 330 Listed Hose Assemblies

VSTaflex™ Series Blue Curb Pump Assemblies

3/4" Hose - Wirebraid 3/4" NPT Coupling / 2 Rigid Ends			3/4" Hose - Wirebraid 3/4" NPT Coupling / 1 Rigid & 1 Swivel End		3/4" Hose - Wirebraid 3/4" NPT Coupling / 2 Swivel Ends	
Length	Part Number	List Price	Part Number	List Price	Part Number	List Price
8"	V34CPB-008-MRMR	\$40.70	V34CPB-008-MRMS	\$61.58	V34CPB-008-MSMS	\$96.36
9"	V34CPB-009-MRMR	\$41.32	V34CPB-009-MRMS	\$62.26	V34CPB-009-MSMS	\$97.52
10"	V34CPB-010-MRMR	\$41.98	V34CPB-010-MRMS	\$62.82	V34CPB-010-MSMS	\$98.40
12"	V34CPB-012-MRMR	\$42.98	V34CPB-012-MRMS	\$64.50	V34CPB-012-MSMS	\$101.86
4.0'	V34CPB-048-MRMR	\$76.76	V34CPB-048-MRMS	\$92.80	V34CPB-048-MSMS	\$111.96
8.0'	V34CPB-096-MRMR	\$101.12	V34CPB-096-MRMS	\$116.46	V34CPB-096-MSMS	\$131.80
8.5'	V34CPB-102-MRMR	\$106.04	V34CPB-102-MRMS	\$121.38	V34CPB-102-MSMS	\$136.72
9.0'	V34CPB-108-MRMR	\$110.94	V34CPB-108-MRMS	\$126.24	V34CPB-108-MSMS	\$141.60
9.5'	V34CPB-114-MRMR	\$115.80	V34CPB-114-MRMS	\$131.16	V34CPB-114-MSMS	\$146.50
10.0'	V34CPB-120-MRMR	\$120.70	V34CPB-120-MRMS	\$136.06	V34CPB-120-MSMS	\$151.38
10.5'	V34CPB-126-MRMR	\$125.60	V34CPB-126-MRMS	\$140.92	V34CPB-126-MSMS	\$156.28
11.0'	V34CPB-132-MRMR	\$130.52	V34CPB-132-MRMS	\$145.84	V34CPB-132-MSMS	\$161.18
12.0'	V34CPB-144-MRMR	\$140.26	V34CPB-144-MRMS	\$155.64	V34CPB-144-MSMS	\$170.94
13.0'	V34CPB-156-MRMR	\$150.10	V34CPB-156-MRMS	\$165.40	V34CPB-156-MSMS	\$180.78
14.0'	V34CPB-168-MRMR	\$159.88	V34CPB-168-MRMS	\$175.20	V34CPB-168-MSMS	\$190.54
15.0'	V34CPB-180-MRMR	\$169.68	V34CPB-180-MRMS	\$185.00	V34CPB-180-MSMS	\$200.34
16.0'	V34CPB-192-MRMR	\$179.44	V34CPB-192-MRMS	\$194.80	V34CPB-192-MSMS	\$210.12
17.0'	V34CPB-204-MRMR	\$189.22	V34CPB-204-MRMS	\$204.58	V34CPB-204-MSMS	\$219.92
18.0'	V34CPB-216-MRMR	\$199.02	V34CPB-216-MRMS	\$214.36	V34CPB-216-MSMS	\$229.70
19.0'	V34CPB-228-MRMR	\$208.80	V34CPB-228-MRMS	\$224.14	V34CPB-228-MSMS	\$239.46
20.0'	V34CPB-240-MRMR	\$218.62	V34CPB-240-MRMS	\$233.94	V34CPB-240-MSMS	\$249.28

VSTaflex™ Series Blue Curb Pump Add-On Options

3/4" Hose - Wirebraid Per foot Add-On	
Description	List Price
3/4" Hose - per foot add-on	\$12.32

Coupling Nomenclature Key

End Style	Description
MR	NPT Male Rigid
MS	NPT Male Swivel

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled



VSTaflex™ 3/4" and 1" Farm Pump Hose Non-UL Listed



Tube: Black Nitrile

Reinforcement: Multiple textile plies with static wire

Cover: Black Chloroprene

Temperature Range: -40°F to 180°F (-40°C to 49°C) Continuous Service

Couplings: 3/4" and 1" NPT Male Rigid (Respective to Hose ID)

VSTaflex™ Series Farm Pump Hose

3/4" Hose - Textile Fabric Plies with Static Wire

3/4" NPT Coupling / 2 Rigid Ends

Length	Part Number	List Price
8.0'	V34FH-096-MRMR	\$36.20
10.0'	V34FH-120-MRMR	\$43.60
12.0'	V34FH-144-MRMR	\$50.28
14.0'	V34FH-168-MRMR	\$56.70
15.0'	V34FH-180-MRMR	\$60.18
18.0'	V34FH-216-MRMR	\$69.76
20.0'	V34FH-240-MRMR	\$77.04
25.0'	V34FH-300-MRMR	\$93.10
50.0'	V34FH-600-MRMR	\$181.38

VSTaflex™ Series Farm Pump Hose

1" Hose - Textile Fabric Plies with Static Wire

1" NPT Coupling / 2 Rigid Ends

Length	Part Number	List Price
8.0'	V10FH-096-MRMR	\$61.64
10.0'	V10FH-120-MRMR	\$73.84
12.0'	V10FH-144-MRMR	\$79.20
14.0'	V10FH-168-MRMR	\$92.14
15.0'	V10FH-180-MRMR	\$97.46
18.0'	V10FH-216-MRMR	\$121.64
20.0'	V10FH-240-MRMR	\$126.90
25.0'	V10FH-300-MRMR	\$163.94
50.0'	V10FH-600-MRMR	\$300.82

NOTE: Not for use in service station, aircraft refueling, or applications requiring UL Listed.

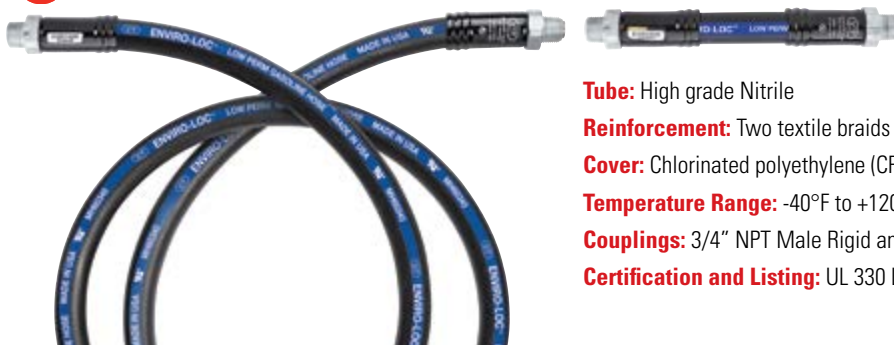
Packaging:

Packaged per order in master cartons

Factory Assembled
Non-UL Listed

ENVIRO-LOC™ Low Permeation Conventional Primary and Whip Hoses

 Listed and CARB Certified



Tube: High grade Nitrile

Reinforcement: Two textile braids with dual helix wire

Cover: Chlorinated polyethylene (CPE)

Temperature Range: -40°F to +120°F (-40°C to +49°C) Continuous Service

Couplings: 3/4" NPT Male Rigid and Male Swivel

Certification and Listing: UL 330 Listed Hose Assemblies

ENVIRO-LOC™ Low Permeation Series Curb Pump Assemblies

5/8" Hose - Hardwall: Textile Braids with Helix Wire

3/4" NPT Couplings / 2 Rigid Ends

Length	Part Number	List Price
8"	V58EC-008-MRMR	\$80.92
9"	V58EC-009-MRMR	\$80.92
10"	V58EC-010-MRMR	\$80.92
12"	V58EC-012-MRMR	\$80.92
4.0'	V58EC-048-MRMR	\$119.92
8.0'	V58EC-096-MRMR	\$164.66
8.5'	V58EC-102-MRMR	\$178.86
9.0'	V58EC-108-MRMR	\$193.06
9.5'	V58EC-114-MRMR	\$207.22
10.0'	V58EC-120-MRMR	\$221.44
10.5'	V58EC-126-MRMR	\$235.64
11.0'	V58EC-132-MRMR	\$249.84
12.0'	V58EC-144-MRMR	\$278.22
13.0'	V58EC-156-MRMR	\$306.60
14.0'	V58EC-168-MRMR	\$335.02
15.0'	V58EC-180-MRMR	\$363.38
16.0'	V58EC-192-MRMR	\$391.78
17.0'	V58EC-204-MRMR	\$420.16
18.0'	V58EC-216-MRMR	\$448.56
19.0'	V58EC-228-MRMR	\$476.96
20.0'	V58EC-240-MRMR	\$505.34

ENVIRO-LOC™ Low Permeation Series Add-On Options

5/8" Hose - Hardwall: Textile Braids with Helix Wire

Per foot Add-On

Description	List Price
5/8" Hose - per foot add-on	\$17.96

Coupling Nomenclature Key

End Style	Description
MR	NPT Male Rigid

ENVIRO-LOC™ Low Permeation Series Curb Pump Assemblies

3/4" Hose - Hardwall: Textile Braids with Helix Wire

3/4" NPT Couplings / 2 Swivel Ends

Length	Part Number	List Price
8"	V34EC-008-MSMS	\$85.36
9"	V34EC-009-MSMS	\$85.36
10"	V34EC-010-MSMS	\$85.36
12"	V34EC-012-MSMS	\$85.36
4.0'	V34EC-048-MSMS	\$128.56
5.0'	V34EC-060-MSMS	\$144.16
6.0'	V34EC-072-MSMS	\$159.76
8.0'	V34EC-096-MSMS	\$200.44
8.5'	V34EC-102-MSMS	\$214.30
9.0'	V34EC-108-MSMS	\$228.22
9.5'	V34EC-114-MSMS	\$242.14
10.0'	V34EC-120-MSMS	\$256.04
10.5'	V34EC-126-MSMS	\$269.92
11.0'	V34EC-132-MSMS	\$283.86
12.0'	V34EC-144-MSMS	\$311.64
13.0'	V34EC-156-MSMS	\$340.60
14.0'	V34EC-168-MSMS	\$369.60
15.0'	V34EC-180-MSMS	\$398.54
16.0'	V34EC-192-MSMS	\$427.52
17.0'	V34EC-204-MSMS	\$456.48
18.0'	V34EC-216-MSMS	\$485.46
19.0'	V34EC-228-MSMS	\$514.46
20.0'	V34EC-240-MSMS	\$543.40

ENVIRO-LOC™ Low Permeation Series Add-On Options

3/4" Hose - Hardwall: Textile Braids with Helix Wire

Per foot Add-On

Description	List Price
3/4" Hose - per foot add-on	\$19.32

Coupling Nomenclature Key

End Style	Description
MS	NPT Male Swivel

Packaging:

Whip Hoses Bulk Pack in Master Carton
Primary Hoses Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts
Factory Assembled



ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzles



Casting: Aluminum

Spout: Aluminum 13/16" OD

Thread: 3/4" NPT (Female)

Seals/O-Rings: Viton® Seals and Nitrile O-Rings

Temperature Range: -40°F to +120°F (-40°C to +49°C) continuous service

Weight: 3 lbs.

Certification and Listing:

- UL 2586 Listed Nozzle
- CARB Certified

ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle (new)	VST-NV-ND(cc)	\$395.78
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle (rebuilt)	VST-NV-ND(cc)R	\$395.78

ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle (core)	VST-NV-NDC	Contact VST Distributor for Details

ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle Replacement Parts

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle Front End Kit	VST-FEK-400	\$144.48
ENVIRO-LOC™ ECO Dripless/Spitless Conventional Gas Nozzle Scuff Guard	VST-SGND-cc	\$29.06

cc = Color Code for nozzle scuffguard Color Code Key: Black = BK, Green = GN, Red = RD, Blue = BU, Yellow = YL, White = WH



ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzles

Casting: Aluminum

Spout: Aluminum 15/16" OD

Thread: 3/4" NPT (Female)

Seals/O-Rings: Viton® Seals and Nitrile O-Rings

Temperature Range: -40°F to +120°F (-40°C to +49°C) continuous service

Weight: 3 lbs.

Certification and Listing: UL 2586 Listed Nozzle

ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle (new)	VST-DS-ND(cc)	\$423.30
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle (rebuilt)	VST-DS-ND(cc)R	\$423.30

ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzles (core)	VST-DS-NDC	Contact VST Distributor for Details

ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle Replacement Parts

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle Front End Kit	VST-FEK-500	\$155.30
ENVIRO-LOC™ ECO Dripless/Spitless Diesel Nozzle Scuff Guard	VST-SGND-cc	\$29.06

cc = Color Code for nozzle scuffguard Color Code Key: Green = GN, Black = BK Contact VST for Pricing and Availability of Unlisted Parts

NEW



ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzles (NPNF = No Pressure No Flow)

Casting: Aluminum

Spout: Aluminum 13/16" OD

Thread: 3/4" NPT (Female)

Seals/O-Rings: Viton® Seals and Nitrile O-Rings

Temperature Range: -40°F to +120°F (-40°C to +49°C) continuous service

Weight: 3 lbs.

Certification and Listing: UL 2586 Listed Nozzle (pending)

ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle (new)	VST-NV-NP(cc)	\$338.62
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle (rebuilt)	VST-NV-NP(cc)R	\$338.62

ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle (core)	VST-NV-NPC	Contact VST Distributor for Details

ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Replacement Parts

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Spout Assembly - (ONLY)	VST-NSA-600	\$120.82
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Splash Guard - (ONLY)	VST-SPG-cc	\$9.36
ENVIRO-LOC™ ECO Dripless Conventional NPNF Gas Nozzle Scuff Guard	VST-SGNP-cc	\$29.06

cc = Color Code for nozzle scuffguard Color Code Key: Black = BK, Green = GN, Red = RD, Blue = BU, Yellow = YL, White = WH

NEW



ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzles (NPNF = No Pressure No Flow)

Casting: Aluminum

Spout: Aluminum 15/16" OD

Thread: 3/4" NPT (Female)

Seals/O-Rings: Viton® Seals and Nitrile O-Rings

Temperature Range: -40°F to +120°F (-40°C to +49°C) continuous service

Weight: 3 lbs.

Certification and Listing: UL 2586 Listed Nozzle (pending)

ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzles

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle (new)	VST-DS-NP(cc)	\$352.72
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle (rebuilt)	VST-DS-NP(cc)R	\$352.72

ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Core Policy

Description	Part Number	Core Value (net)
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle (core)	VST-DS-NPC	Contact VST Distributor for Details

ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Replacement Parts

Description	Part Number	List Price
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Spout Assembly - (ONLY)	VST-NSA-700	\$127.52
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Splash Guard - (ONLY)	VST-SPG-cc	\$9.36
ENVIRO-LOC™ ECO Dripless NPNF Diesel Nozzle Scuff Guard	VST-SGNP-cc	\$29.06

cc = Color Code for nozzle scuffguard Color Code Key: Green = GN, Black = BK Contact VST for Pricing and Availability of Unlisted Parts



SENTRY Reattachable Safety Breakaway



Listed

Field Reattachable



Application: Gasoline and Diesel Fuels

Thread: 3/4" and 1" NPT inlet threads

Seals: High quality Viton® and Nitrile O-Rings

Body: Machined aluminum

Length: 6"

Weight: 1.1lbs

Certification and Listing: UL 567 Listed Breakaway

SENTRY Reattachable Safety Breakaways

Description	Part Number	List Price
3/4" NPT Field Reattachable Safety Breakaway	VST-CP-SBK	\$133.90
1" NPT Field Reattachable Safety Breakaway	VST-DS-SBK	\$185.18

Dispenser Adapters For Converting Phase II to Conventional



Balance



M34

Dispenser Outlet Conversion Adapters

Description	Part Number	List Price
Balance to 3/4" NPT	VST-BAL-34NPT	\$41.52
M34 Vac Assist to 3/4" NPT	VST-M34-34NPT	\$41.52

Packaging:

Individually Boxed

Contact VST for Pricing and Availability of Unlisted Parts

Tank Pressure Management

Models: Two versions

- **NA** (North American) GREEN MACHINE™
- **CA** (California) GREEN MACHINE™

Flexible Mounting Options:

- Ground
- Canopy
- Roof
- Vent Stack

Certifications and Approvals:

CARB for CA version, ETL Listed, TÜV Certified



NA GREEN MACHINE™

VST NA GREEN MACHINE™ - UST Tank Pressure Management System

Description	Part Number	Manufacturer	List Price
CA GREEN MACHINE™ TPM System (Inclusive of Control Panel)	VST-GM-CS2-101	VST	\$53,795.00

VST NA GREEN MACHINE™ Replacement Parts

Description	Part Number	Manufacturer	List Price
Aluminum Cover	GM-040	VST	\$1,929.88
Rubber Flange Sleeve	GM-004	VST	\$99.18
UL Control Valves – Core Rebuild Kit	GM-006	VST	\$570.26
Pressure Sensor	GM-015	VST	\$2,697.78
Model 2 Vacuum Pump (only)	GM-022	VST	\$3,756.12
Vacuum Pump Motor (only), 120VAC, Single-Phase	GM-027	VST	\$3,756.12
Vapor Filtration Cartridge Assembly	GM-035	VST	\$2,214.98

VST NA GREEN MACHINE™ Control Panel Replacement Parts

Description	Part Number	Manufacturer	List Price
NA GREEN MACHINE™ Control Panel (Complete)	GM-030	VST	\$9,021.28

VST NA GREEN MACHINE™ Control Panel (Sub-Component) Replacement Parts

Description	Part Number	Manufacturer	List Price
NA GREEN MACHINE™ PLC Controller	GM-016	VST	\$3,366.82
8 Pin Base Socket	SR2P-06	R-K ELECTRONICS	\$23.76
24 VDC Power Supply, 5A	PS5R-VF24	IDEC	\$376.50
20A Motor Circuit Controller	KTA7-25S-20A	SPRECHER+SCHUH	\$427.82
Side-Mount AUX Contact 2 N.O.	KT7-PA1-20	SPRECHER+SCHUH	\$84.40
Terminal Relay, 24 AC/DC, SPDT	700-HLT2U24	ALLEN BRADLEY	\$201.08
Door Coupling Handle, RED/YEL	KT7-HTRY	SPRECHER+SCHUH	\$213.76
Terminal Adapter	KT7-25-TE1	SPRECHER+SCHUH	\$48.10
Solid State Relay, 10A, 24VDC Coil	CWD2410-10	CRYDOM	\$331.26
Mini Circuit Breaker, 15A, UL489	L9-15/1/D	SPRECHER+SCHUH	\$109.70
Fuse Holder	V7-H6	SPRECHER+SCHUH	\$102.90
5A Glass Fuse	MDL-5	BUSSMAN	\$56.32
4A Glass Fuse	MDL-4	BUSSMAN	\$56.32
22.5 mm E-STOP Push Button, 40 mm Operator, 1 N.C. Contact	D7P-MT44PX01	SPRECHER+SCHUH	\$149.58
Disconnect Switch/Handle Assembly	LE-12-1751	SPRECHER+SCHUH	\$135.00
Over-Under Voltage Relay	SVM-120A-20	R-K ELECTRONICS	\$695.62
Solid State Relay 30A SPST 90-280 VAC Input N.O. 24-280 VAC Load	AD-SSR230-22-ACR	AUTOMATION DIRECT	\$430.42
Analog Current Transducer	H721LC	VERIS INDUSTRIES	\$586.32

VST NA GREEN MACHINE™ Testing Tool

Description	Part Number	Manufacturer	List Price
GREEN MACHINE™ Pressure Leak Test Fixture	VST-PLT-200	VST	\$530.30



CA GREEN MACHINE™

VST CA GREEN MACHINE™ - UST Tank Pressure Management System

Description	Part Number	Manufacturer	List Price
CA GREEN MACHINE™ TPM System (Inclusive of Control Panel)	VST-GM-CS1-100	VST	\$49,976.32

VST CA GREEN MACHINE™ Replacement Parts

Description	Part Number	Manufacturer	List Price
Aluminum Cover	GM-001	VST	\$1,929.88
1 - 2 Hour Rated Fire-Resistant Enclosure (OPTIONAL)	GM-002	VST	\$4,052.68
Rubber Flange Sleeve	GM-004	VST	\$99.18
UL Control Valves – Core Rebuild Kit	GM-006	VST	\$570.26
Model 2 Vacuum Pump (only)	GM-022	VST	\$3,756.12
Vacuum Pump Motor (only), 120VAC, Single-Phase	GM-027	VST	\$3,756.12
Vapor Filtration Cartridge Assembly	GM-033	VST	\$3,314.26

VST CA GREEN MACHINE™ Control Panel Replacement Parts

Description	Part Number	Manufacturer	List Price
CA GREEN MACHINE™ Control Panel (Complete)	GM-029	VST	\$9,279.82

VST CA GREEN MACHINE™ Control Panel (Sub-Component) Replacement Parts

Description	Part Number	Manufacturer	List Price
CA GREEN MACHINE™ PLC Controller	GM-008	VST	\$3,366.82
TLS Inspector Port Communication Kit (OPTIONAL)	GM-032	VST	\$994.26
4-AC IN 4-Relay Out 115 VAC Module	EZIO-4ACI4RLO	EZ AUTOMATION	\$482.42
4-Analog IN 4-Analog Out Module	EZIO-4ANI4ANOC	EZ AUTOMATION	\$1,184.72
24 VDC Power Supply, 1.1 A	PS3X-C24AFC	IDEC	\$331.42
Terminal Relay, 24V AC/DC, SPDT	700-HLT2U24	ALLEN BRADLEY	\$201.08
20A Motor Circuit Controller	KTA7-25S-20A	SPRECHER+SCHUH	\$427.82
Side-Mount AUX Contact 2 N.O.	KT7-PA1-20	SPRECHER+SCHUH	\$84.40
Undervoltage Trip Module, 120V, Control	KT7-UA-120V	SPRECHER+SCHUH	\$255.22
Door Coupling Handle, RED/YEL	KT7-HTRY	SPRECHER+SCHUH	\$213.76
Terminal Adapter	KT7-25-TE1	SPRECHER+SCHUH	\$48.10
Solid State Relay, 12A, 24VDC Coil	70S2-04-C-12-S	MAGNECRAFT	\$180.50
Mini Circuit Breaker, 10A, UL489	L9-10/1/D	SPRECHER+SCHUH	\$116.42
Fuse Holder	V7-H6	SPRECHER+SCHUH	\$102.90
5A Glass Fuse	MDL-5	BUSSMAN	\$56.32
4A Glass Fuse	MDL-4	BUSSMAN	\$56.32
Analog Current Transducer	H721LC	VERIS INDUSTRIES	\$586.32
Zener Barrier, 1-CH, 13V @ 10uA	Z715.F	SPRECHER+SCHUH	\$1,489.10
Receptacle 115VAC 3-Prong	7168K1	MCMaster-CARR	\$17.38
Hexin 2108B RS-485/422 to RS232 Converter	2108B	HEXIN	\$217.40
RS485/422 Cable (1-Female Connection) (1-Open End)	AWM 2464 28AWG VW-ISC 80C 300V	AWM	\$489.10

VST CA GREEN MACHINE™ Testing Tool

Description	Part Number	Manufacturer	List Price
GREEN MACHINE™ Pressure Leak Test Fixture	VST-PLT-200	VST	\$530.30

**ENVIRO-LOC™ ECO Dripless/Spitless
Conventional Nozzle**



ENVIRO-LOC™ BALANCE G2 Nozzle



VST's patented Dripless and Spitless Safety Interlock Design is used in both the ENVIRO-LOC™ ECO Conventional and the ENVIRO-LOC™ EVR Balance G2 nozzles. This unique design reduces fugitive emission loss while providing additional operator safety during the refueling process.

Features:

- Emission reduction
- Fewer fuel spills
- Secondary safety device significantly reduces the probability of errant spills associated with damage to the nozzles caused by customer abuse, drive-off, or end of life

Benefits:

- Exceeds CARB standards for drip, spillage, and liquid retention (.003 lbs. per 1,000 gallons)
- Reduces emissions more than 99%
- Reduces forecourt spills and site contamination
- Reduces exposure to fuel vapors
- Satisfied customers
- Rebuild program available with core return, thus protecting your investment

Hose Technology

ENVIRO-LOC™ EVR Platinum Balance Hose



This uniquely designed hose uses Anti-Stretch cable in both the Primary and Whip hoses to reduce recoil during a drive off. The Anti-Stretch cable virtually eliminates the hose stretch putting the end pull directly on the breakaway. This reduces the chance of damage to the site equipment and future ISD alarms, protecting customers on the forecourt, and limiting the chance of meter damage. Ultimate Risk Management tool.

Benefits:

- Eliminates hose stretch and recoil during a drive-off
- Protects station owners equipment during a drive-off
- Reduces the chance of personal injury of customers standing on the forecourt during a drive-off
- Reduces In-Station Diagnostic (ISD) alarms
- Increases the life of hose that is involved in a drive-off
- Reduces maintenance expense

EVR Venturi Balance Hose Assembly



The EVR Venturi Balance Hose Assembly demonstrates two main component features:

1. A premium inner hose with a patented Variable Design Venturi (VDV) used to deliver fuel from the dispenser to the vehicle while managing maximum fuel flow demand.

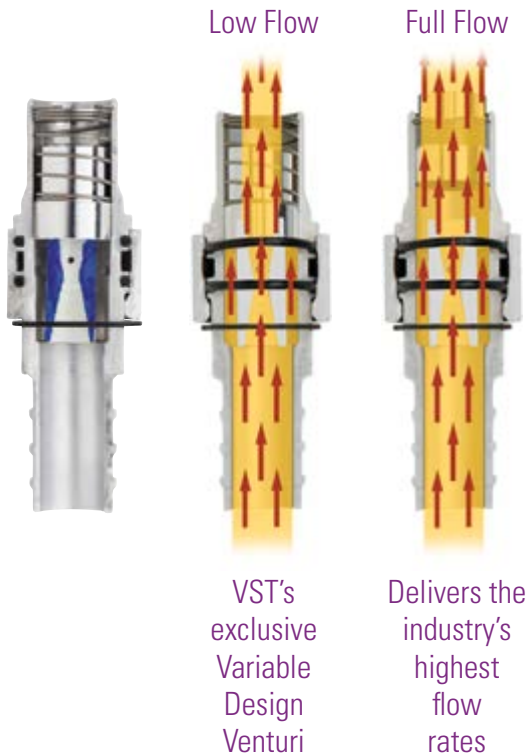
This specially engineered venturi system generates vacuum at both low and high flow rates allowing liquid to evacuate from the outer hose vapor passage while accommodating higher fuel delivery rates.

Benefits:

- **LOW FLOW:** Product flows through a restrictive orifice creating a maximum vacuum to evacuate liquid from the outer hose vapor passage. This feature keeps the vapor passage unobstructed for flow of vapors back to the Underground Storage Tank (UST).
- **INCREASE IN FLOW:** The poppet in the VDV starts to open as the line pressure increases, thus providing additional paths for fuel to flow while extracting liquid from the outer hose vapor space.

Hose Technology

Variable Design Venturi (VDV)



- **FULL FLOW:** Product flows through both the restrictive orifice and the outer flow paths pushing the VDV poppet completely open. This creates maximum vacuum for evacuating liquid from the outer hose vapor passage as it reduces hose pressure drop with a corresponding higher fuel flow rate. The result is reduced fueling time for the customer.
- 2. A durable outer hose that transfers displaced vapors from the vehicle fuel tank during refueling and transports them back through the dispenser to the UST. VST uses high quality Viton® O-ring swivel couplings for easy hose handling and longer service life.

Benefits:

- VST's larger I.D. vapor passage reduces the chance of liquid blockage in the vapor space and Flow Collect Alarms
- Ease-of-use swivel design reduces hose kinking and increases product life
- Robust construction provides for a wide range of flow demands and is built to withstand service station drive-offs
- Greater customer satisfaction

ENVIRO-LOC™ EVR Low Perm Vacuum Assist Hose



The VST EVR Vacuum Assist hose design of two textile braids with dual helix wires provides maximum flexibility and ease of use for customers. The Rigid Balance coupling design eliminates the chance of liquid leaking into the vapor path causing vapor pump failures and costly ISD alarms. The VST "Lip Seal" Swivel technology is used on all other hose couplings and provides ease-of-use swivel action.

Benefits:

- Hose design provides ease of use for customers
- Rigid Balance coupling eliminates liquid entering the vapor path causing vacuum pump motor failures and ISD alarms
- Coupling configuration available with VST "Lip Seal" Technology on all M34 and Healy-style couplings



Conventional and Vac Assist Hose Technology

Lip Seal Swivel Coupling



This highly engineered product is designed to connect directly to the nozzle for ease-of-use with minimal swivel resistance. Eliminates the need for 3rd party (non-value) hose swivels and ultimately reduces the cost of ownership with improved customer satisfaction.

Benefits:

- Better customer experience with ease of nozzle handling and reduced weight
- Eliminates leak points
- Reduces assembly cost
- Customer satisfaction

The Lip Seal Coupling design is available on all Conventional and Vac Assist Hose Assemblies.

ENVIRO-LOC™ Low Permeation Curb Pump Hose Assemblies



Available in:

- 5/8" and 3/4" Conventional styles
- 3/4" Vac Assist styles

These specially designed assemblies exceed the stringent UL 330 requirement with less than 10 grams/m²/day of permeation. The low permeation design reduces exposure of volatile organic compounds (VOC) to customers and the environment while refueling a vehicle. The uniquely designed barrier layer, between the tube and reinforcement, dramatically lowers the permeation rate of VOC which reduces leaching of plasticizers from the rubber cover. In addition, this feature will improve the life of the hose by reducing premature cover cracking. The dual helix wire design gives the hose maximum flexibility and ease of use to customers.

Benefits:

- Reduces customer exposure to Volatile Organic Compounds (VOC) – gasoline vapors
- Longer product life
- Maximum flexibility and ease of use for customers
- Light weight assembly

Tank Pressure Management

VST GREEN MACHINE™



The GREEN MACHINE™ is designed to capture, control, and monitor Underground Storage Tank (UST) fugitive emissions at gasoline dispensing facilities (GDF).

Gasoline in a UST naturally tends to pressurize and results in over-pressurization situations which cause fugitive emissions of Volatile Organic Compounds (VOC) to be released. These fugitive VOC emissions are a main contributor to ground-level ozone (pollution) and ground water contamination.

The GREEN MACHINE™ Controller actively monitors the UST pressure and turns on the GREEN MACHINE™ at .2" of water column (WC). This begins the cycle of processing the excessive fugitive emissions, reducing the UST pressure, and returning saturated VOC vapors to the UST.

The GREEN MACHINE™ is a suitable processing solution for all fueling systems: Stage I only and Stage II Vac Assist or Balance systems.

The light weight design allows for multiple mounting options to reduce installation cost for new and retrofit GDF locations.

VST offers two models the GREEN MACHINE™:

- GREEN MACHINE™ CA certified by CARB for California certified applications
- GREEN MACHINE™ NA for applications outside of California
Certifications: ETL, CARB, and TUV

Benefits:

- Clean air and water
- Reduces harmful VOC emissions
- High processing capacity
- Returns saturated VOC vapors to the UST as saleable product
- Small footprint
- Single vent design
- Simple installation
- Flexible mounting options
 - Ground
 - Vent Riser
 - Roof
 - Canopy

Terms and Conditions

Pricing and Terms

Prices and terms are subject to change without notice. Acceptances of all orders are subject to final approval of VST. Contact VST for prices and availability of products not listed. No minimum quantity order required. Orders less than \$750.00 (net) are subject to a \$50.00 handling fee.

Shipping

FREE FREIGHT (F.O.B. destination) on all orders shipped to VST distribution within the continental U.S. VST selects the freight carrier. If the purchaser selects another carrier than approved by VST or requests expedited delivery, the purchaser is responsible for all freight expenses.

Warranty

Up to date warranty information for VST products is available at www.vsthose.com/warrantyreg.aspx.

Return Policy

VST stocking distributors are allowed one annual stock adjustment with an offsetting order of equal or greater value. A 20% re-stocking fee applies to returned product from an annual adjustment or incorrect ordering by the distributor.

The return policy is as follows:

1. Annual stock adjustments are allowed once per year.
2. Product may not be over 12 months old.
3. Product must be in the original packaging, unopened, and in saleable condition. Product deemed non-saleable by VST will be returned to the distributor.
4. 20% restocking charge applies to the return.
5. All shipping charges are the responsibility of the distributor.

How To Order

Authorized distribution may place orders:

TOLL FREE: 888-878-4673

PHONE: 937-704-9333

FAX: 937-704-9443

E-MAIL: customerservice@vsthose.com



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650 Pleasant Valley Drive
Springboro, Ohio 45066 (USA)
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