

VST ENVIRO-LOC™ EVR Vacuum Assist Low Permeation Fuel Hoses and Safety Breakaways



The ENVIRO-LOC™
Product Line Now Includes
CARB EVR Low Permeation
Vacuum Assist Fuel Hoses with our
Unique Lip Seal Swivel And SENTRY
Reattachable Safety Breakaways



Vapor Systems Technologies, Inc.

VST ENVIRO-LOC™ EVR Vacuum Assist Fuel Hoses and Safety Breakaways

The **ENVIRO-LOC™ Vacuum Assist Low Permeation Hose** is a highly engineered fuel delivery product designed to exceed the stringent UL 330 requirements with less than 10 grams/m²/day of permeation.

Model V34EV offers a construction with a high grade nitrile tube, 2-textile braid with dual helix wire reinforcement layer for excellent kink resistance, premium barrier layer, and a chlorinated polyethylene rubber cover for superior fuel, ozone, and abrasion resistance.

VST offers a variety of whip hose coupling options to accommodate all dispenser outlet ports.

ENVIRO-LOC™ EVR Vacuum Assist Fuel Hose Construction & Specifications:

Part Numbers:	V34EV Series
Inner Hose:	Nylon
Outer Hose:	High Grade Nitrile Tube Two Textile Braid with Dual Helix Wire Chlorinated Polyethylene (CPE)
Couplings:	Various End styles <ul style="list-style-type: none"> • Rigid Balance: 1-7/8" - 12 UN Thread • Healy-Style Swivel: 1-1/4" - 18 Straight Thread • M34 Swivel
Certifications & Listings:	<ul style="list-style-type: none"> • UL 330 Listed Assemblies • California Air Resources Board (CARB) certified Enhanced Vapor Recovery (EVR) Specifications • California OSHA Approved • California Department of Measurement Standards • California State Fire Marshal • California State Water Board

Features	Benefits	Advantages
<ul style="list-style-type: none"> • Exceeds the UL 330 low permeation specification • 2-textile braid construction with dual helix wire construction • Unique lip seal swivel coupling design • GDF owner/operator can replace without calling a service tech 	<ul style="list-style-type: none"> • Reduces permeation of VOC emissions • Offers tighter bend radius without kinking • Superior swiveling capability • More control over your maintenance 	<ul style="list-style-type: none"> • Protects the environment from ground level pollution • Improved flexibility • Eliminates kinking of inner hose • Higher customer satisfaction • No O-Ring binding • Fewer leak points • Lower cost of ownership

Whip Hose Coupling Options



Swivel
M34 1.5
(Metric)

Swivel
1-1/4 - 18 UNEF
(Healy-Style)

Rigid
1-7/8 - 12 UN
(Balance
Converter Coupling)

The innovative **SENTRY** breakaway models VST-HEVR-SBK and VST-ISVR-SBK are EVR approved Vacuum Assist Safety Breakaways.

These "snap back" field reattachable breakaways utilize VST's proven technology designed to compensate for dispenser spike pressures and simple reconnection.

Safety Breakaway Construction & Specifications:

Part Numbers:	VST-HEVR-SBK (Healy-Style Assist) VST-ISVR-SBK (M34)
Threads:	1-1/4" 18 Straight Thread (Healy-Style Assist) M34
Seals:	High-quality Viton® and Nylon seals
Body:	Machined aluminum Stay-put cushion sleeve
Certifications & Listings:	<ul style="list-style-type: none"> • UL 587 Listed • California Air Resources Board (CARB) certified Enhanced Vapor Recovery (EVR) Specifications • California OSHA Approved • California Department of Measurement Standards • California State Fire Marshal • California State Water Board

Features	Benefits	Advantages
<ul style="list-style-type: none"> • Field reconnectable snap back design • No additional assembly pins required • Two anti-rotation alignment pins with two alignment slots • Finger seal and unique double O-ring design • Stay-put cushion sleeve 	<ul style="list-style-type: none"> • Allows for reuse after a drive off • Fewer components to inventory • Simplifies proper reconnection • Compensates for most spike pressures • Protects customer and dispenser 	<ul style="list-style-type: none"> • Easy reconnectability • Can be reconnected, in place, using the VST Assembly Tool • Lower cost of ownership • Reduces nuisance breaks • Higher customer satisfaction



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