

# Vapor Systems Technologies, Inc.

## Vacuum Assist Hose & Breakaway Systems

### Warranty

- VST products are warranted to be free from defect in material and workmanship under normal use, service, proper installation, and maintenance practices per manufacturer specifications. (Full Warranty Statement may be found at [www.vsthose.com](http://www.vsthose.com))
- All VST products carry VST's individual serial numbers for easy tracking.



### VSTaflex Hose Family

#### Ultra Vac™ & Healy-Style High Flow

- Designed for Assist type systems where maximum flow rate and efficiency are required. Light-weight and flexible construction provides the most user friendly system available with up to 40% improved flow rates.
- Optional factory built-in variable flow regulator and safety check valve available.
- The built-in permanent swivel offers superior handling and reduces hose flex stress which translates into longer service life.
- The VST design eliminates the need for adding swivels that contribute to low flow rates as well as increased system cost.
- The assemblies are UL listed and CARB certified.

### VSTaflex Ultra Vac and Healy-Style Hose Specifications

- **Tube:** High grade nitrile handles all types of gasoline, diesel and blended fuels including MTBE and ethanol additives.
- **Cover:** Chlorinated polyethylene provides maximum ozone, abrasion and chemical resistance for longer service life.
- **Couplings:** Plated brass M-34 thread is for use with all CARB approved Vac Assist systems. Special 1 1/4" thread for use with Healy systems.
- **Bearing Sleeve:** Unique design maintains easy nozzle rotation, assures conductive path without metal to metal contact and reduces O-ring leaks.
- **Swivels:** VST's design maintains consistent compression in all fuels, temperature and service conditions.
- **Optional Built In Products:** Variable Flow Regulator and Safety Check valve.



All assemblies include VST's uniquely engineered spring loaded lip seal, that coupled with our bearing sleeve design, provides superior swivel performance.

### Vapor Assist Safety Breakaways M-34 Thread and Healy-Style Thread

- These snap back designs feature a unique "Finger Seal" that offers several advantages over currently available breakaways.
  - Compensates for most spike pressures.
  - Reduces nuisance breaks and protects the dispenser components.
  - Specially designed stay-put cushion sleeve protects both customers and equipment in the event of a drive-off.
- These safety breakaways retain the UL listing after field reconnection. Downtime is minimal even after a seemingly catastrophic event.



No special tools required  
Just 10 pounds of force is needed to reconnect the breakaway



Double O-Ring Design  
provides for leak-proof sealing of the breakaway  
100% Pressure & Pull-Apart Factory Tested



Listed Products

CARB  
Certified

650 Pleasant Valley Drive - Springboro, Ohio 45066

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

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