

# VSTaflex™ Conventional Curb Pump Hose Assemblies



**VSTaflex™ Conventional Curb Pump Hose Assemblies** are highly engineered systems designed to give customers the best positive experience through ease of use. VSTaflex™ assemblies eliminate non-value added system components like 3rd party hose swivels and attachable in line flow limiters by integrating them into the VST fitting design.

**Customer Benefits:**

- Light weight assembly
- Easy to handle
- Eliminates potential leak points
- Low cost of ownership



Lip Seal Swivel Coupling

**Design Features:**

Lip Seal Swivel Coupling:

- Engineered for ease of use with minimal swivel resistance
- Easy swivel action eliminates the need for 3rd party hose swivels
- Directly connects to the nozzle eliminating multiple leak points



Vapor Systems Technologies, Inc.

# VSTaflex™ Conventional Curb Pump Hose Assemblies Specifications

## Built in Variable Flow Limiter:

- Variable spring-loaded design allows flow rates up to 10 GPM without exceeding the federally mandated legal limit
- Only activates when needed so as not to exceed the 10 GPM flow rate
- Eliminates nozzle shutoff problems due to exceeding 10 GPM flow limit
- Engineered to operate inside the whip hose, thereby reducing the assembly weight, end connections, and overall cost of ownership
- Optional item in the 3/4" whip hose only

## Hose Construction:

- Durable one wire braid construction
- Excellent for fuel, ozone, UV, aging, and abrasion resistance
- Designed for gasoline, diesel and refined petroleum products

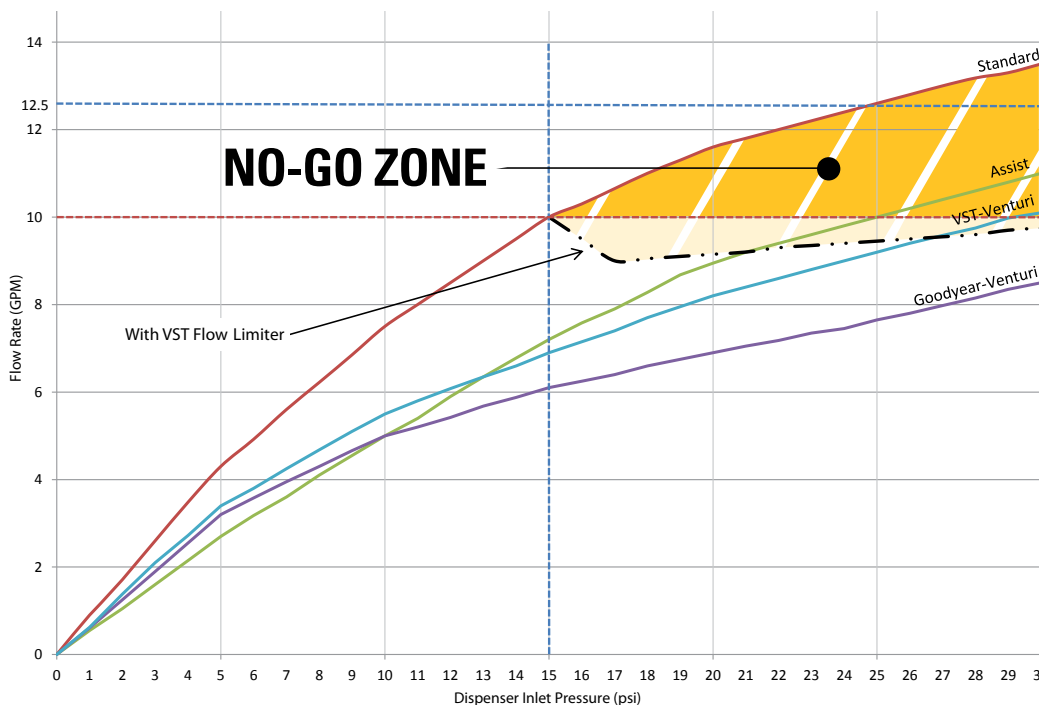
## Certifications & Listings:

- UL 330 Listed Hose Assemblies

**Tube:** High grade nitrile with superior resistance to refined petroleum products (gasoline up to 10% ethanol, diesel fuel, and petroleum products)

**Reinforcement:** Wire braid reinforcement adding kink resistance, high working pressure and superior coupling retention.

## Hose Flow Rate Comparison:



## VSTaflex™ Hose & Coupling Characteristics

Part No. Series	Nom. ID (In.)	Nom. OD (In.)	Braid	Hose W.P. (PSI)	Weight (Lb./Ft.)	Min. Bend Radius (In.)	Coupling End Style
V58CP	5/8"	1"	Wire	150	0.35	6	3/4" NPT
V34CP	3/4"	1.22"	Wire	150	0.42	7	3/4" NPT
V10CP	1"	1.375"	Wire	150	0.47	8	1" NPT



Variable Flow Limiter

**Cover:** Black high grade CPE (Chlorinated Polyethylene) cover – resistance to ozone, UV weathering, cover cracking and superior abrasion resistance promoting longer service life. Designed for gasoline, diesel and refined petroleum products.

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

**Couplings:** 3/4" and 1" NPT threads available in both rigid and swivel end styles. VST's unique swivel design utilizes a spring loaded lip seal for superior performance and long life. The time tested design has demonstrated superior performance and user friendliness.

**Product Specification:** These products are **NOT** recommended where components are exposed to contact with fuels containing more than 5% methanol, 10% ethanol, 15% MTBE by volume, any exposure to M85/E85, other alcohol rich fuels, or more than 20% bio-diesel style fuels.

All VST products are covered under the company warranty. The warranty may be found at [www.vstthose.com](http://www.vstthose.com)



## Vapor Systems Technologies, Inc.

650 Pleasant Valley Drive  
Springboro, Ohio 45066 (USA)

Toll Free: 1-888-878-4673

Phone: 937-704-9333

Fax: 937-704-9443

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