



# Tigervapor HD™

## Vapor Recovery Hose

### TVHD™ Series



#### General Applications:

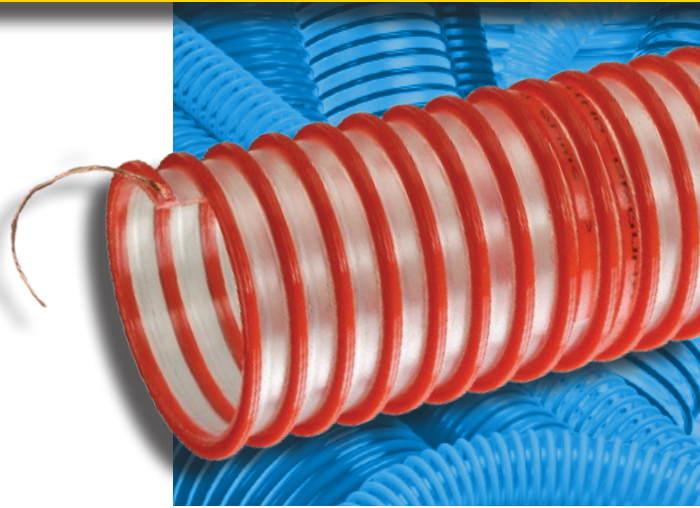
- Tank truck vapor recovery

#### Construction:

Polyurethane (TPU) tube with rigid PVC helix and embedded grounding wire.

#### Service Temperature Range:

-40°F (-40°C) to +140°F (+60°C)\*



#### Features and Advantages:

- **Lightweight** – much lighter than conventional TPR/rubber hoses.
- **Heavy duty construction** – thicker wall for longer hose life.
- **“See-through” construction** – for visual confirmation if fuel backs up into the vapor recovery system.
- **Grounding Wire** – Durable multi-strand copper wire dissipates static electricity. Physically extract wire from the rigid helix and bond to the metal coupling (or by other means) to ground.†
- **Easy Slide Helix** – Rigid counter clockwise helix design protects hose tube from cover wear; allows hose to slide easily over rough surfaces.
- **Biofuel Compatible** – Revolutionary polyurethane compound! Specially designed to handle gasoline, ethanol\*\*, diesel and biodiesel\*\* vapors... and still keeps all the other great features and benefits!
- **Non-permeable polyurethane construction** – won’t swell or become stiff like conventional TPR/rubber hoses. Long life reduces operating costs.
- **Phthalate Free**

### Nominal Specifications

Series Number	ID		OD <sup>^</sup>		Working Pressure (psi)		Vacuum Rating (in Hg)		Min Bending Radius (in at 68°F)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
TVHD303	3.03	77.0	3.54	89.9	13	8	18	11	4.5	100/60	0.95
TVHD404	4.04	102.6	4.61	117.1	11	7	13	9	5.5	100/60	1.27

**NOTE:** Service life may vary depending on operating conditions and type of material being conveyed.

\*Actual service temperature range is application dependent.

\*\* Meeting ASTM D5798, D4806 or D6751 criteria.

<sup>^</sup> OD measured over helix.

† **Assembly Suggestions:** Hose ID specifically designed for use with Kuriyama-Couplings™. Refer to Hose Assembly Coupling Installation Suggestions and Technical Bulletin on page 9 in this catalog.

Because we continually examine ways to improve our products, we reserve the right to alter specifications without prior notice.

