



Tigervapor™ HD

TVHD™ Series

Heavy Duty, Vapor Recovery Hose

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)*

**Actual service temperature range is application dependent.*

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◀ SCAN OR VISIT
**KOA.link/
TVHD**



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.

Series Number	ID		OD^		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F	at 68°F		
TVHD303	3.03	77.0	3.54	89.9	13	8	18	11	4 1/2	100/60	0.95
TVHD404	4.04	102.6	4.61	117.1	11	7	13	9	5 1/2	100/60	1.27

NOTE:

- Service life may vary depending on operating conditions and type of material being conveyed.
- Chemical Resistant Guides (for details see pages 108-109)
- ** Meeting ASTM D5798, D4806 or D6751 criteria.
- ^ OD measured over helix.

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ASSEMBLY SUGGESTIONS

Hose ID specifically designed for use with Kuriyama Couplings™. Refer to Hose Assembly Coupling Installation Suggestions and Technical Bulletin on page 107 in this catalog.

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