



Tigerdrop™ TDH™ Series

Clear, “See-the-flow” Drop Hose

GENERAL APPLICATIONS

- Tank truck gravity drop fuel transfer

CONSTRUCTION

Polyurethane (TPU) tube with polyester fabric reinforcement, 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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**KOA.link/
TDH**



FEATURES AND ADVANTAGES

- **Biofuel Compatible** – Specially designed to handle gasoline, ethanol**, diesel and biodiesel** — 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.
- **Lightweight** – much lighter than conventional TPR/ rubber hoses.
- **Superior flexibility** – especially in sub-zero weather!
- **“See-the-flow” construction** – for visual confirmation fuel is flowing.
- **Durable Construction** – Designed with high tensile strength polyester yarn fabric reinforcement.
- **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.

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		
TDH202	2.02	51.3	2.66	67.6	75	40	Full	28	5	100/20	0.77
TDH303	3.03	77.0	3.78	96.0	70	35	Full	28	6	100/20	1.20
TDH404	4.04	102.6	4.82	122.4	65	30	Full	28	8	100/57/20	1.80

NOTES:

- 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.