



"COLD-FLEX"  
MATERIALS



EASY SLIDE



WATER



# Tiger™ TSD™ Series EPDM Fabric Reinforced Suction & Discharge Hose

### General Applications:

- Agriculture liquid fertilizers
- Agri-foam systems
- Liquid manure handling
- Pumps, rental and construction dewatering
- Pumps, trash
- Septic and wastewater handling
- Suction and discharge
- Water suction – heavy duty

**Construction:** Double-ply EPDM, polyester fabric reinforcement and polyethylene helix.

**Service Temperature:** -40°F (-40°C) to 160°F (+71°C)\*



### Features and Advantages:

- **Superior Rubber Compounds** – Tigerflex™ uses only the best available EPDM compounds, which provide the ideal combination of light-weight, flexibility, durability and chemical resistance.
- **Fabric Reinforcement** – Designed with high tensile strength polyester yarn jacket to handle both suction, and higher pressure discharge applications.
- **"Cold-Flex" Materials** – Hose remains flexible in sub-zero temperatures.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces and around corners. Easy-to-handle.
- **Convoluted Outer Cover** – Provides increased hose flexibility.
- **Phthalate Free**

### Nominal Specifications

Series	ID (in.)	ID (mm)	OD (in.)	OD (mm)	Working Pressure (psi)		Vacuum Rating (in. Hg)		Approx. Bending Radius (in. @ 68°F)	Standard Length (ft.)	Weight (lbs/ft.)
					68°F	104°F	68°F	104°F			
TSD125	1-1/4	31.8	1.70	43.2	100	75	FULL	28	3	100	0.41
TSD150	1-1/2	38.1	2.00	50.7	100	75	FULL	28	3	100	0.51
TSD200	2	50.8	2.54	64.5	100	75	FULL	28	5	100	0.73
TSD300	3	76.2	3.62	92.0	90	65	FULL	26	8	100	1.18

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

**NOTE:** For details of the following compliances, refer to footnotes listed on page 62.

**NOTE:** Contact your nearest KOA warehouse for availability of 50 ft. lengths.

\*Actual service temperature range is application dependent.

**PHthalate FREE<sup>(09)</sup>, RoHS<sup>(10)</sup>**

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