



"COLD-FLEX"  
MATERIALS



EASY SLIDE



WATER

plastixs<sup>®</sup>  
manufacturing solutions

tigerflex<sup>®</sup>



NEW  
SIZE

## 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 Range:

-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.
- **Convuluted Outer Cover** – Provides increased hose flexibility.

## Nominal Specifications

| Series Number | ID    |       | OD   |       | Working Pressure (psi) |       | Vacuum Rating Hg (in) |       | Min. Bending Radius at 68°F (in) | Standard Length (ft) | Weight (lbs/ft) |
|---------------|-------|-------|------|-------|------------------------|-------|-----------------------|-------|----------------------------------|----------------------|-----------------|
|               | (in)  | (mm)  | (in) | (mm)  | 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            |
| TSD400        | 4     | 101.6 | 4.53 | 121.0 | 75                     | 50    | 28                    | 26    | 9.5                              | 100                  | 1.40            |

**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 63.

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

\*Actual service temperature range is application dependent.

RoHS<sup>(11)</sup>

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

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