



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)*

**Actual service temperature range is application dependent.*

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[KOA.link/
TSD](https://KOA.link/TSD)



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

| Series Number | ID | | OD | | Working Pressure (psi) | | Vacuum Rating Hg (in) | | Min. Bending Radius (in) at 68°F | Standard Length (ft) | Weight (lbs/ft) |
|---------------|-------|-------|------|-------|------------------------|----------|-----------------------|----------|----------------------------------|----------------------|-----------------|
| | (in) | (mm) | (in) | (mm) | at 68°F | at 104°F | at 68°F | at 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 | FULL | 24 | 9 1/2 | 100 | 1.40 |

NOTES:

- Service life may vary depending on operating conditions and type of material being conveyed.
- Contact your nearest KOA warehouse for availability of 50 ft. lengths.

COMPLIANCES (for details see page 87)

RoHS (11)

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