

FOOD  
GRADETRANSPARENT  
CONSTRUCTION

WATER

**tigerflex®**

## FT™ Series

### Heavy Duty Food Grade PVC Suction Hose

#### General Applications:

- Food grade liquids such as potable water, beer, wine and juice
- Food grade material handling – standard duty
- Ice transfer
- Milk and dairy product transfer
- Poultry processing
- Water suction – heavy duty

**Construction:** PVC tube with rigid PVC helix.

**Service Temperature:** -4°F (-20°C) to 150°F (+65°C)\*

#### Features and Advantages:

- **Food Grade Materials** – Hose complies with applicable FDA<sup>(03)</sup> and 3-A<sup>(01)</sup> requirements. Hose approved by USDA<sup>(11)</sup> for use in meat and poultry plants.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Smooth Outer Cover** – Provides increased pressure rating and smooth surface for banding.

#### 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			
FT075	3/4	19.0	0.94	24.0	115	75	Full	28	3	100	0.17
FT100	1	25.5	1.28	32.5	100	70	Full	28	3	100	0.24
FT125	1 1/4	32.0	1.56	39.6	90	65	Full	28	4	100	0.44
FT150	1 1/2	38.1	1.80	46.5	85	60	Full	28	6	100	0.50
FT200	2	50.8	2.36	60.0	85	60	Full	26	8	100	0.71
FT250	2 1/2	63.5	2.88	73.2	65	45	Full	26	10	100	0.94
FT300	3	76.2	3.42	86.9	55	40	Full	24	11	100	1.14
FT400	4	101.6	4.51	114.6	50	35	Full	24	18	100/60	1.91
FT500	5	127.0	5.51	140.0	40	25	28	23	28	100/20	2.41
FT600	6	153.4	6.59	167.4	30	20	28	15	48	20	3.28
FT800	8	204.7	8.85	224.7	25	15	28	10	60	20	5.67

**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.

\*Actual service temperature range is application dependent.

**3A<sup>(01)</sup>, BSE/TSE<sup>(02)</sup>, FDA<sup>(03)</sup>, RoHS<sup>(10)</sup>, USDA<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.