

**Kuriyama of America, Inc.**

360 E. State Parkway  
Schaumburg, IL 60173-5335 USA

**Phone:** (847) 755-0360

**Toll-Free FAX:** (800) 800-0320

**International FAX:** (847) 885-0996 **Email:** [sales@kuriyama.com](mailto:sales@kuriyama.com)

**Series FT150X100, FT™ Series 1 1/2 in. ID and 100 ft Standard Length Heavy Duty Food Grade PVC Suction Hose**

[General Applications](#) | [Construction](#) | [Service Temperature](#) | [Features and Advantages](#) | [Nominal Specifications](#) | [Specifications](#) | [Note](#) | [Compliance Footnotes](#)

General Applications —**General Applications**

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

Construction —**Construction**

PVC tube with rigid PVC helix.

Service Temperature —

**Service Temperature [Min]** -4 °F  
-20 °C

**Service Temperature [Max]** 150 °F  
65 °C

## Features and Advantages

### Features and Advantages

- **Food Grade Materials** - Hose complies with applicable FDA(03) and 3-A(01) requirements. Hose complies with applicable USDA(12) requirements.
- **Transparent Construction** - "See-the-flow." Allows for visual confirmation of material flow.
- **Smooth Outer Cover** - Provides increased pressure rating and smooth surface for banding.
- **Phthalate Free**

## Nominal Specifications

**ID** 1 1/2 in  
38.1 mm

**OD** 1.80 in  
46.5 mm

**Working Pressure at 68°F** 85 psi

**Working Pressure at 104°F** 60 psi

**Vacuum Rating at 68°F** Full

**Vacuum Rating at 104°F** 28 inHg

**Min. Bending Radius at 68°F** 6 in

**Standard Length** 100 ft

**Weight** 0.50 lbs/ft

## Specifications

<b>Brand</b>	Tigerflex®
<b>Series</b>	FT
<b>Type</b>	Heavy Duty Food Grade PVC Suction Hose
<b>Material</b>	PVC Tube
<b>Style</b>	Food Grade Liquids Such as Potable Water, Beer, Wine and Juice
<b>Color</b>	Clear PVC Construction
<b>Performance</b>	Smooth Outer Cover
<b>Industry Standards/Certifications</b>	3A, BSE/TSE, FDA, EU 2002/95/EC, USDA

## Note

<b>Note</b>	Service life may vary depending on operating conditions and type of material being conveyed.
-------------	--

## Compliance Footnotes

<b>Compliance Footnotes</b>	<p><b>3A</b> - Material approved by 3-A Sanitary Standards, Inc. for multi-use plastic materials, number: 20-25, as product contact surfaces in equipment for production, processing and handling of milk and milk products.</p> <p><b>BSE/TSE</b> - The majority of the raw materials used in our formulations are not manufactured or derived from materials of animal origin. Nor do our products come into contact with materials of animal origin during processing. Our suppliers of raw materials have assured us their compounds exceed the relevant European Guidance on minimizing the Risk of Transmitting Animal Spongiform Encephalopathy Agents Via Human and Veterinary Medical Products.</p> <p><b>FDA</b> - Material conforms to CFR title 21, parts 170-199.</p>
-----------------------------	--

**Phthalate Free** - Manufactured from all phthalate free materials.

**RoHS** - The product complies with the requirements of the EU directive 2002/95/EC which is on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

**USDA** - Hose complies with applicable USDA requirements for use in federally inspected meat and poultry plants.