


**Kuriyama of America, Inc.**

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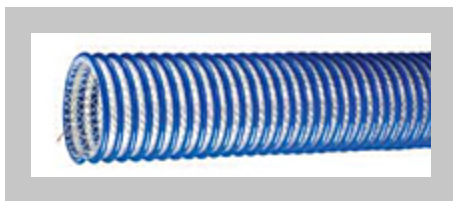
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**Series Number 2020-500X50, 2020™ Series 5 in. ID and 50 ft Standard Length Heavy Duty Food Grade Polyurethane Fabric Reinforced Material Handling Hose With Grounding Wire**

Made in The USA



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**General Applications**
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- Bulk truck and railcar unloading
- Food grade material handling - heavy duty abrasive
- Material handling - heavy duty abrasive
- Suction and discharge

**Construction**
**Construction**

Extra thick double-ply polyurethane tube, polyester fabric reinforcement, rigid PVC helix and grounding wire.

**Service Temperature**

<b>Service Temperature [Min]</b>	-40 °C -40 °F
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<b>Service Temperature [Max]</b>	65 °C 150 °F
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## Features and Advantages

### Features and Advantages

- **Extra Thick Abrasion Resistant Double-Ply Polyurethane Tube** - Designed for dry applications where severe abrasion is a factor. Provides for longer hose life and lower operating costs versus rubber or PVC hoses.
- **Food Grade Materials** - Hose Liner (Product Contact Surface) complies with applicable FDA and USDA requirements.
- **Fabric Reinforcement** - Designed with high tensile strength, food grade, polyester yarn jacket to handle both suction, and higher pressure discharge applications.
- **Grounding Wire** - Multi-strand wire helps prevent the build-up of static electricity for added safety and to help keep material flowing smoothly. It's embedded within the rigid helix to prevent contamination of transferred materials.
- **Transparent Construction** - "See-the-flow." Allows for visual confirmation of material flow.
- **"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. Easy-to-handle.
- **Oil Resistant Polyurethane Tube** - Resists most animal and petroleum based oils.
- **Phthalate Free**

## Nominal Specifications

<b>ID</b>	5 in 127.0 mm
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<b>OD</b>	5.79 in 147.0 mm
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<b>Working Pressure at 68°F</b>	45 psi
<b>Working Pressure at 104°F</b>	22 psi
<b>Vacuum Rating at 68°F</b>	28 inHg
<b>Vacuum Rating at 104°F</b>	25 inHg
<b>Min. Bending Radius at 68°F</b>	14 in
<b>Standard Length</b>	50 ft
<b>Weight</b>	2.45 lbs/ft
<b>Industry Standards/Certifications</b>	BSE/TSE, FDA, EU 2002/95/EC, USDA, RoHS

## Specifications

<b>Brand</b>	Tigerflex®
<b>Type</b>	Polyurethane Lined Material Handling Hose
<b>Series</b>	2020™
<b>Color</b>	Transparent
<b>Material</b>	Polyurethane

## Note

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

<b>Caution</b>	This product is designed to dissipate static electricity when the embedded grounding wire is physically extracted and securely connected to ground, through the fitting or by other means.
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**BSE/TSE** - 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.

**FDA** - Material conforms to CFR title 21, parts 177.1680 and 177.2600.

**FDA** - Material conforms to CFR title 21, parts 177.2600 and 175.105.

**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.

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

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

## Compliance Footnotes