

## Kuriyama of America, Inc.

360 E. State Parkway

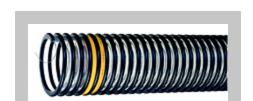
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Series Number VOLT300X100, VOLT™ Series 3 in. ID and 100 ft Standard Length Heavy Duty Food Grade Static Dissipative Polyurethane Material Handling Hose





<u>General Applications | Construction | Service Temperature | Features and Advantages | Nominal Specifications | Specifications | Note | Caution | Compliance Footnotes</u>

General Applications

Bulk truck and railcar unloading
Fly ash collection
Food grade material handling - heavy duty abrasive
Material handling - heavy duty abrasive
Milling machine scrap recovery
Pharmaceutical product transfer
Plastic processing equipment
Pneumatic conveying equipment

Construction

Construction

Static dissipative polyurethane tube, rigid helix and grounding wire (patent pending).

Service Temperature		_
Service Temperature [Min]	-40 °C -40 °F	
Service Temperature [Max]	65 °C 150 °F	

atures and Advantages	
Features and Advantages	<ul> <li>Superior Static Protection! - A properly grounded Voltbuster™ hose will not retain an electrostatic charge sufficient to create a propagating brush discharge. Hose material, using the embedded grounding wire, shows a charge decay time constant of &lt; 1 second, based on independent lab testing.</li> <li>Food Grade Materials - Hose tube complies with FDA requirements. Grounding wire embedded in external helix to prevent material contamination.</li> <li>Extra Thick Abrasion Resistant Single - Ply Polyurethane Tube - Provides for longer hose life and lower operating costs versus rubber or PVC hoses.</li> <li>Transparent Construction - "See-the-flow". Allows for visual confirmation of material flow.</li> <li>"Cold-Flex" Materials - Hose remains flexible in sub-zero temperatures.</li> <li>Easy Slide Helix - Rigid helix design protects hose tube from wear; allows hose to slide easily over rough surfaces. Easy to handle.</li> <li>Phthalate Free</li> </ul>

Nominal Specifications		-
ID	3 in 76.2 mm	
OD	3.60 in 91.4 mm	
Working Pressure at 68	<b>9F</b> 40 psi	

Working Pressure at 104°F	20 psi
Vacuum Rating at 68°F	Full
Vacuum Rating at 104°F	28 inHg
Min. Bending Radius at 68°F	9 in
Standard Length	100 ft
Weight	0.91 lbs/ft

Brand	Tigerflex®
Туре	Heavy Duty Food Grade Static Dissipative Polyurethane Material Handling Hoses
Style	Superior Static Protection
Series	VOLT300
Material	Polyurethane
Color	Transparent
Performance	Extra Thick Abrasion Resistant Single
Industry Standards/Certifications	BSE/TSE, FDA, Phthalate Free, RoHS

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

Caution		-
	This product is designed to dissipate static electricity when the	

Caution

embedded grounding wire is physically extracted and securely connected to ground, through the fitting or by other means.

**Compliance Footnotes** 

**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 Encephalophy Agents Via Human and Veterinary Medical Products.

## **Compliance Footnotes**

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

**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.