



**NEW
PRODUCT!**

TIGER-TR1™

**Heavy Duty
Rubber Blend
Wet & Dry
Vacuum Hose**



Kuriyama of America, Inc.





Tiger-TR1™

General Applications:

- Wet & dry vacuuming
- Abrasive material transfer
- Grain handling
- Sand/shot blast recovery line
- Roof rock cleaning
- Fly ash collection
- Milling machine metal chip recovery
- Road crush vacuuming
- Municipal vacuum trucks

Construction: Rubber blend hose with rigid PVC helix
Service Temperature: -40°F (-40°C) to 150°F (65.5°C)*

- **Superior rubber compounds** – Tigerflex™ uses specially engineered compounds which gives the ideal combination of light weight, flexibility, conductivity and superior long-lasting durability.
 - **Conductive Tube** – specially formulated rubber blend.
 - **Smooth bore construction** – eliminates material build-up inside.
 - **Convuluted cover design** – keeps hose flexible for easier handling and durability.
- A superior value compared to the other brands!**
- **Superior flexibility**** – 15% better.
 - **Superior abrasion resistance**** – 20% better.



Made In USA

Nominal Specifications

Series	ID (in.)	ID (mm)	OD [^] (in.)	OD [^] (mm)	Working Pressure (PSI)		Vacuum Rating (in Hg)		Min. Bending Radius (in. @ 68°F)	Standard Lengths (ft.)	Weight (lbs/ft.)
					68°F	104°F	68°F	104°F			
TR1-200	2	50.8	2.38	60.5	32	23	Full	26	1.5	50/100	0.5
TR1-300	3	76.2	3.56	90.5	28	20	Full	26	2.5	50/100	1.0
TR1-400	4	101.6	4.67	118.5	26	18	Full	26	4.5	50/100	1.7
TR1-500	5	126.8	5.73	145.5	21	16	28	24	5.0	50/100	2.38
TR1-600	6	153.4	6.88	174.8	19	13	28	24	9.5	20/50/100	3.2

* Actual service temperature range is application-dependent ^ OD measured over helix.

**Based on Tigerflex test data.

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**TigerClamp™ Zinc Plated
Carbon Steel Spiral Double
Bolt Clamps**

(For Clockwise Spiral Hoses)
Designed to Fit Tigerflex™ Tiger-TR1™
Hoses

Part Number	Size	Weight Each	Standard Carton
SDBCR-2	2	0.36	100
SDBCR-3	3	0.66	70
SDBCR-4	4	1.02	40
SDBCR-5	5	1.76	30
SDBCR-6	6	2.00	20

Chemical Resistance Guide

G = Good L = Limited U = Unsatisfactory

Material Handled	68°F	Material Handled	68°F	Material Handled	68°F
1,1-dichloroethylene	U	Chromate (25%)	U	Methyl Ethyl Ketone (MEK)	U
1,2-dichloroethane	U	Citric Acid	G	Mineral Oil	U
Acetic Acid (10%)	L	Copper Chloride	G	Monochlorobenzene	U
Acetone	L	Copper Nitrate	G	Nitric Acid (5%)	U
Aluminum Acetate	L	Copper Sulfate	L	Nitric Acid (50%)	U
Aluminum Chloride	G	Creosote Oil	U	Nitric Acid (70%)	U
Aluminum Hydroxide	G	Dextrin	G	Nitric Acid (95%)	U
Aluminum Sulfide	L	Dichlorobenzene	U	Nitrous Acid (10%)	L
Ammonia (Gas)	G	Dichloromethane	U	Oleic Acid	U
Ammonia (Liquid)	G	Diethyl Ether	U	Oxalic Acid	L
Ammonium Acetate (Conc.)	G	Emulsifier	G	Ozone	U
Ammonium Bicarbonate	G	Ether	L	Paraffin	U
Ammonium Chloride	G	Ethyl Acetate	U	Perchloroethylene	U
Ammonium Hydroxide	U	Ethyl Alcohol (100%)	G	Phenol	U
Ammonium Nitrate	G	Ethyl Alcohol (6%)	G	Phosphoric Acid (30%)	U
Aniline	U	Ethylene Glycol	G	Potassium Bichromate	U
Aniline Sulfate	U	Fluorine	U	Potassium Bromide	G
Barium Chloride	G	Formaldehyde (40%)	L	Potassium Chloride	G
Barium Hydroxide	G	Glycerol	G	Potassium Cyanide	G
Beer	L	Grape Sugar	G	Potassium Fluoride	G
Benzene	U	Hydrochloric Acid (10%)	L	Potassium Hydroxide (10%)	L
Benzyl Alcohol	U	Hydrochloric Acid (20%)	L	Potassium Hydroxide (Conc.)	L
Bromine	U	Hydrochloric Acid (Conc.)	L	Potassium Permanganate	U
Butyl Alcohol	G	Hydrogen	L	Potassium Sulfate	G
Calcium Carbonate	G	Hydrogen Chloride (Anhydride)	L	Propylene Glycol	L
Calcium Chloride (Conc.)	G	Hydrogen Peroxide (3%)	U	Sake	G
Calcium Chloride (in 20% Mesh)	G	Hydrogen Peroxide (30%)	U	Salt Water	G
Calcium Hypochlorite (15% Cl2)	U	Hydrogen Peroxide (80% or more)	U	Sodium Bicarbonate	G
Calcium Hypochlorite (Conc.)	U	Hydrogen Sulfide	U	Sodium Chloride	G
Carbon Dioxide	U	Iodine	U	Sodium Hydroxide (10%)	G
Carbon Monoxide	L	Iron Chloride	G	Sodium Hydroxide (Conc.)	G
Carbon Tetrachloride	U	Iron Sulfate	G	Soy Sauce	G
Carbonic Acid	L	Isopropyl Alcohol	L	Stearic Acid	L
Carbonic Acid Gas	G	Magnesium Carbonate	G	Sulfuric Acid (10%)	U
Cetyl Alcohol	L	Magnesium Chloride	G	Tetrahydrofuran	U
Chlorine (10% Gas)	U	Magnesium Hydroxide	L	Toluene	U
Chlorine (100% Gas)	U	Magnesium Sulfate	L	Transformer Oil	U
Chlorine (Solution)	U	Methyl Alcohol (100%)	G	Water	G
Chloroform	U	Methyl Alcohol (6%)	G	Zinc chloride	G

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