

tigerflex[®]



Tiger[™] Green & Tiger[™] - SD EPDM Suction & Discharge Hoses



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PRODUCTS**



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Kuriyama of America, Inc.

KTFFL0904

Series TG “Tiger™ Green”

EPDM suction hose for outdoor wet or dry applications



General Applications

- Septic handling
- Liquid waste, slurries
- Liquid and dry chemical
- Agriculture liquid and dry fertilizers
- Grains, seeds
- Water transfer
- Mining
- Construction, rental equipment, sewer cleaning, plant maintenance

Features and Benefits

- **Black flexible EPDM rubber with bright green polyethylene helix construction** — provides excellent blend of chemical resistance and physical durability.
- **Excellent cold weather flexibility** — stays flexible and easy to handle, even in sub-zero weather.
- **Weather-resistant exterior** — highly resistant to UV and temperature extremes.
- **Lightweight** — easy to handle and transport.
- **Specially designed abrasion-resistant helix** — specially designed to slide easily on rough surfaces and around objects . . . makes hose easy to handle . . . extremely durable and abrasion resistant.
- **Smooth bore construction** — eliminates material build-up.
- **Convoluted cover design** — provides increased flexibility.
- **For wet or dry applications.**

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

Service Temperature Range

-40° F to 160° F

Actual service temperature range is application-dependent.

Nominal Specifications

Series	Approx. Nominal				Working Pressure (PSI)		Vacuum Rating (Inches Hg)		Minimum Bend Radius @ 68° F	Standard Length (Ft)	Approx. Wt. (lbs/ft.)
	ID (In.)	ID (mm)	OD (In.)	OD (mm)	68°F	104° F	68° F	104° F			
TG100X100	1"	25.4	1.40"	35.5	65	45	FULL	28	2"	100 ft.	0.28
TG125X100	1 1/4"	31.8	1.63"	41.4	60	40	FULL	28	3"	100 ft.	0.33
TG150X100	1 1/2"	38.1	1.93"	49.0	50	35	FULL	28	3"	100 ft.	0.44
TG200X100	2"	50.8	2.51"	63.8	50	35	FULL	28	5"	100 ft.	0.67
TG250X100	2 1/2"	63.5	3.07"	78.0	45	30	FULL	28	5.5"	100 ft.	0.95
TG300X100	3"	76.2	3.60"	91.5	45	30	FULL	26	7"	100 ft.	1.14
TG400X100	4"	101.6	4.70"	119.5	40	25	FULL	26	11.5"	100 ft.	1.84
TG600X100	6"	152.4	6.85"	174.0	30	20	28	24	20"	100 ft.	3.07



Aluminum

Couplings & Accessories

Kuriyama of America offers couplings and accessories, including specially designed cam & groove couplers and adapters, dust caps and plugs. For more information, refer to the separate Kuriyama Couplings and Accessories catalog. For your convenience, you can also view this Couplings and Accessories catalog online at www.kuriyama.com.



Polypropylene

KTFFL0904

Series TSD “Tiger™ – SD”

EPDM suction & discharge hose for outdoor wet or dry applications

General Applications

- Wet or dry suction and discharge applications
- Dry and liquid fertilizers
- Agricultural chemicals
- Light abrasives
- Grains, seeds
- Water transfer and discharge
- Marine liquid waste
- Slurries
- Construction, industrial, mining applications



Features and Benefits

- **Black flexible EPDM rubber with black polyethylene helix construction** — provides excellent blend of chemical resistance and physical durability...extremely flexible.
- **Synthetic reinforcement** — ideal for both SUCTION and DISCHARGE applications.
- **Superb cold weather flexibility** — stays flexible and easy to handle - even in sub-zero weather.
- **Weather-resistant exterior** — highly resistant to UV and temperature extremes.
- **Specially designed abrasion-resistant helix** — specially designed to slide easily on rough surfaces and around objects...makes hose easy to handle...extremely durable and abrasion resistant.
- **Lightweight** — easy to handle and transport.
- **Smooth bore construction** — eliminates material build-up.
- **Convuluted cover design** — provides increased flexibility.
- **For wet or dry applications.**

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

Service Temperature Range

-40° F to 160° F

Actual service temperature range is application-dependent.

Nominal Specifications

Series	Approx. Nominal				Working Pressure (PSI)		Vacuum Rating (Inches Hg)		Minimum Bend Radius @ 68° F	Standard Length (Ft)	Approx. Wt. (lbs/ft.)
	ID (In.)	ID (mm)	OD (In.)	OD (mm)	68°F	104° F	68° F	104° F			
TSD125X100	1 1/4"	31.8	1.70"	43.2	100	75	FULL	28	3"	100 ft.	0.41
TSD150X100	1 1/2"	38.1	2.00"	50.7	100	75	FULL	28	3"	100 ft.	0.51
TSD200X100	2"	50.8	2.54"	64.5	100	75	FULL	28	5"	100 ft.	0.73
TSD300X100	3"	76.2	3.62"	92.0	90	65	FULL	26	8"	100 ft.	1.18



Pin Lugs



Glass Reinforced Nylon



Hose Nipples



Strainers

KTFFL0904

Cautionary Statement

All Products sold and distributed by Kuriyama of America, Inc. are in the nature of commodities and they are sold by published specifications and not for particular purposes, uses or applications. Purchaser shall first determine their suitability for the intended purposes, uses or applications and shall either conduct its own engineering studies or tests, or retain qualified engineers, consultants or testing laboratories and consult with them before determining the proper use, suitability or propriety of the merchandise or Products for the intended purposes, uses or applications.

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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

Limited Warranty

The Products sold or distributed by Seller are warranted to its customers to be free from defects in material and workmanship at the time of shipment by us, subject to the following provisions.

ALL WARRANTY CLAIMS SHALL BE MADE WITHIN SIX (6) MONTHS AFTER SELLER SHIPPED THE PRODUCTS. SELLER'S LIABILITY HEREUNDER IS LIMITED AT SELLER'S EXCLUSIVE DISCRETION, TO 1) THE PURCHASE PRICE OF ANY PRODUCTS PROVING DEFECTIVE; 2) REPAIR OF ANY DEFECTIVE PRODUCT OR PART THEREOF; OR 3) REPLACEMENT OF ANY DEFECTIVE PRODUCT OR PART UPON ITS AUTHORIZED RETURN TO SELLER.

THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE CREATED UNDER APPLICABLE LAW INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL SELLER OR THE MANUFACTURER OF THE PRODUCT BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS, WHETHER OR NOT CAUSED BY OR RESULTING FROM THE NEGLIGENCE OF SELLER AND/OR THE MANUFACTURER OF THE PRODUCT, UNLESS SPECIFICALLY PROVIDED HEREIN. IN ADDITION, THIS WARRANTY SHALL NOT APPLY TO ANY PRODUCTS OR PORTIONS THEREOF WHICH HAVE BEEN SUBJECTED TO ABUSE, MISUSE, IMPROPER INSTALLATION, MAINTENANCE, OR OPERATION, ELECTRICAL FAILURE OR ABNORMAL CONDITIONS, AND TO PRODUCTS WHICH HAVE BEEN TAMPERED WITH, ALTERED, MODIFIED, REPAIRED, REWORKED BY ANYONE NOT APPROVED BY SELLER, OR USED IN ANY MANNER INCONSISTENT WITH THE PROVISIONS OF THE "CAUTIONARY STATEMENT" ABOVE OR ANY INSTRUCTIONS OR SPECIFICATIONS PROVIDED WITH OR FOR THE PRODUCT.

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