



Tiger - TR1™ TR1™ Series

Heavy Duty SBR Wet or Dry Material Handling Hose

General Applications:

- Fly ash collection
- Grain handling
- Hydro excavation
- Industrial vacuum equipment
- Material handling – heavy duty abrasive
- Milling machine scrap recovery
- Rock, gravel, sand and crushed concrete vacuuming
- Sewer truck boom hose
- Shot blast recovery
- Slurry handling

Construction: SBR rubber tube with rigid PVC helix.

Service Temperature: -40°F (-40°C) to 150°F (+65°C)*

Features and Advantages:

- **Superior Rubber Compounds** – Tigerflex™ uses specially engineered compounds which provide the ideal combination of excellent abrasion resistance, light weight, flexibility, static dissipation and superior long-lasting durability.
- **Static Dissipative Tube** – Specially formulated to help prevent the build-up of static electricity for added safety and to help keep material flowing smoothly.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Convolutd Outer Cover** – Provides increased hose flexibility.



Nominal Specifications

Series	ID (in.)	ID (mm)	OD (in.)	OD (mm)	Working Pressure (psi)		Vacuum Rating (in. Hg)		Approx. Bending Radius (in. @ 68°F)	Standard Length (ft.)	Weight (lbs/ft.)
					68°F	104°F	68°F	104°F			
TR1-150	1 1/2	38.5	1.94	49.2	35	26	Full	28	1.5	100	0.40
TR1-200	2	50.8	2.38	60.5	32	23	Full	26	1.5	100/50	0.50
TR1-250	2 1/2	63.4	3.05	77.5	30	22	Full	26	2.0	100/50	0.84
TR1-300	3	76.2	3.56	90.5	28	20	Full	26	2.5	100/50	1.00
TR1-400	4	101.6	4.67	118.5	26	18	Full	26	4.5	100/50	1.70
TR1-500	5	126.8	5.73	145.5	21	16	28	24	5.0	100/50	2.38
TR1-600	6	153.4	6.88	174.8	19	13	28	24	9.5	100/50/20	3.20
TR1-800	8	204.8	9.18	233.2	19	13	27	23	14	50/20	5.70

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

*Actual service temperature range is application dependent.

Available with grounding wire upon request. Minimum order required, contact Kuriyama customer service for details.

RoHS⁽¹⁰⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications without notice.

KTFC0813

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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.

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