

K-TOUGH™

HIGH PRESSURE WIRE & YARN REINFORCED S&D HOSE

General Applications:

- Batch plants
- Constant flex applications
- Liquid chemical handling†
- Mining applications (MSHA)
- Oil field water hauling
- Suction & discharge of water and slurries
- Tank trucks



Construction: Clear phthalate free PVC core, galvanized steel wire helix, high tensile strength yarn reinforcement and blue phthalate free PVC cover.

Service Temperature: -5°F (-20°C) to 150°F (+65°C)*

Features and Advantages:

- **Food Grade Materials** – Hose complies with applicable FDA requirements.
- **Increased Pressure Rating** – New heavy duty construction results in a highly durable product, designed for both indoor and demanding outdoor applications.
- **Superior Flexibility** – More flexible than other similar hoses for ease-of-use.
- **High Cycle Strength** – Designed to resist damage from constant flex applications.
- **Abrasion Resistant Cover** – Resists wear from being dragged on rough surfaces.
- **Static Dissipative** – Steel wire helps prevent the build-up of static electricity for added safety (see below ††).
- **MSHA Accepted** – Cover material accepted by MSHA as having met the requirements for acceptance of flame-resistant solid products taken into mines for hoses transferring air, oil, water or other fluids.

Nominal Specifications

Series	Size Code	Nominal ID		Nominal OD		Max. Working Pressure (psi) @ 70°F (20°C)	Vacuum Rating (in. Hg) @ 70°F (20°C)	Standard Length (ft.)	Weight (lbs./ft.)	Min. Bend Radius (in.) @ 70°F (20°C)
		(in)	(mm)	(in)	(mm)					
K9296	24	1.50	38.1	2.03	51.6	300	29.9	50/100	0.90	5.5
K9296	32	2.00	50.8	2.57	65.3	275	29.9	50/100	1.24	7.0
K9296	40	2.50	63.5	3.07	78.0	150	29.9	50/100	1.58	9.0
K9296	48	3.00	76.2	3.57	90.7	150	29.9	50/100	1.80	11.0

Note: Pressure ratings can only be obtained with proper coupling procedures.

†† **Caution:** This product is designed to help dissipate static electricity when the metal wire is properly connected to ground through the fitting or other means.

† **Caution:** Consult Kuri Tec PVC chemical resistance guide for suitability.

* Actual service temperature range is application dependent. Working pressure decreases as temperature increases.

FDA⁽⁰³⁾, MSHA⁽⁰⁸⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾