

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)	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)	@ 70°F (20°C)				
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⁾