

# K-TOUGH<sup>™</sup> OIL

## K9593 Series

### High Pressure Oil Resistant Wire & Yarn Reinforced Suction & Discharge 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
- Transfer of petroleum and other oil based products

**Construction:** Clear phthalate free PVC/polyurethane blended core, galvanized steel wire helix, high tensile strength yarn reinforcement and black phthalate free PVC/polyurethane blended cover.

**Service Temperature Range:** -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 resulting 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 ††).
- **Oil Resistant** – Meets ARPM Class A (High oil resistance) rating.
- **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.)	Approx. Weight Per Pkg. (lbs.)	Min. Bend Radius (in.) @ 70°F (20°C)
		(in)	(mm)	(in)	(mm)					
K9593	24	1.50	38.1	2.03	51.6	300	29.9	50/100	45/90	5.5
K9593	32	2.00	50.8	2.57	65.3	275	29.9	50/100	62/124	7.0
K9593	40	2.50	63.5	3.07	78.0	150	29.9	50/100	79/158	9.0
K9593	48	3.00	76.2	3.57	90.7	150	29.9	50/100	90/180	11.0

**Note:** Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Use of compression fitting with Kuri Tec<sup>®</sup> reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

†† **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<sup>®</sup> PVC chemical resistance guide for suitability.

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

**Note:** For details of the following compliances, refer to page 63 of the Kuri Tec catalog.

**FDA<sup>(03)</sup>, MSHA<sup>(08)</sup>, PHTHALATE FREE<sup>(15)</sup>, RoHS<sup>(16)</sup>**

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

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