

# Kuri Tec®



**Phthalate  
FREE**



CERTIFIED UNDER  
STANDARD 51

## POLYSPRING® K7160 Series

### Standard Wall PVC Food & Beverage Vacuum/ Transfer Hose

Standard wall food and beverage grade vacuum/trans-fer hose with rated working pressures.

#### Construction:

Crystal clear Phthalate Free PVC compound, formulated with ingredients in compliance with applicable FDA<sup>(03)</sup> requirements, meets USDA<sup>(18)</sup>, 3A<sup>(01)</sup>, NSF<sup>(13)</sup>, UL<sup>(17)</sup>, USP<sup>(19)</sup> and RoHS<sup>(16)</sup> criteria. Reinforced with helically-wound spring steel wire.

#### Features:

- 29.9" HG vacuum rating @ 70°F.
- Spiral wire reinforcement prevents kinking or collapsing . . . hose diameter will not expand under normal rated working pressures.
- Crystal clear — allows visual confirmation of product flow.
- Glass-smooth interior — reduces material buildup.
- Electrogalvanized helical steel wire can be used for static dissipation (see below†).
- Resistant to chemicals (see chemical-resistance chart).
- Self-extinguishing.

- Non-marking.
- Silicone-free.
- One-piece lengths.
- Special cut piece lengths available through 1" ID size — check with factory.
- Phthalate Free!

#### Applications:

- Full vacuum lines.
- Industrial vacuum pumps.
- Food & beverage dispensing.
- Air and water supply lines.
- Pneumatic parts transfer.
- Car wash applications.
- Coolant lines.
- Air breathing lines.
- Deionized water systems.

Service Temperature Range: +25°F (-4°C) to +150°F (+65°C)

#### Nominal Specifications

		Nominal ID		Nominal OD		Maximum Working Pressure† (PSI)				
Series No.	Size Code					@ 70°F (20°C)	@ 122°F (50°C)	Standard Length Coils	Approx. Wt. per Pkg.	Min. Bend Radius @ 70°F
		(In)	(mm)	(In)	(mm)					
K7160	04	1/4	6.4	.460	11.7	150	70	50/100 ft.	3.5/7 lbs.	1"
K7160	06	3/8	9.5	.600	15.2	100	70	50/100 ft.	5.5/11 lbs.	1 1/2"
K7160	08	1/2	12.7	.750	19.1	100	70	50/100 ft.	7.5/15 lbs.	2"
K7160	10	5/8	15.9	.891	22.6	100	50	50/100 ft.	9.5/19 lbs.	2 1/2"
K7160	12	3/4	19.1	1.031	26.2	70	50	50/100 ft.	12/24 lbs.	3"
K7160	16	1	25.4	1.297	32.9	70	35	50/100 ft.	16.5/33 lbs.	4"
K7160	20	1 1/4	31.8	1.609	40.9	70	35	50 ft.	25 lbs.	5"
K7160	24	1 1/2	38.1	1.860	47.2	50	30	50 ft.	29 lbs.	6"
K7160	32	2	50.8	2.391	60.7	50	30	50 ft.	42 lbs.	8"
K7160	36	2 1/4	57.2	2.750	69.9	50	30	50 ft.	58 lbs.	9"
K7160	40	2 1/2	63.5	3.000	76.2	50	30	50 ft.	69 lbs.	10"
K7160	48	3	76.2	3.500	88.9	50	30	25/50 ft.	40.5/81 lbs.	12"

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

‡ CAUTION: This product is designed to dissipate static electricity when the metal wire is properly connected to ground, through the fitting or other means.

NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

**3A<sup>(01)</sup>, FDA<sup>(03)</sup>, NSF<sup>(13)</sup>, PHTHALATE FREE<sup>(15)</sup>, RoHS<sup>(16)</sup>, UL<sup>(17)</sup>, USDA<sup>(18)</sup>, USP<sup>(19)</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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