



POLYSPRING®
K7160 Series
Standard Duty PVC Food & Beverage Vacuum/Transfer Hose

GENERAL APPLICATIONS

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

CONSTRUCTION

- Tube – Transparent phthalate free PVC
- Reinforcement – Reinforced with helically wound spring steel wire
- Cover – Transparent phthalate free PVC

COMPLIANCE INFORMATION

In compliance with applicable FDA⁽⁰³⁾ requirements, NSF⁽¹¹⁾ certified, meets USDA⁽¹⁶⁾, 3A⁽⁰¹⁾, UL⁽¹⁵⁾, USP⁽¹⁷⁾ and RoHS⁽¹⁴⁾ criteria

SERVICE TEMPERATURE RANGE

+25°F (-4°C) to +150°F (+65°C)

View Up To Date Info



◀ SCAN OR VISIT
[KOA.link/
K7160](https://KOA.link/K7160)



FEATURES AND ADVANTAGES

- **NSF 51 Certified Hose** – Hose certified by NSF for use in food equipment applications. NSF 51 printed directly on hose for easy inspector field verification.
- **NSF 61 Certified Material** – Tube material certified by NSF for use as a drinking water system component.
- **Steel Wire Reinforcement** – Electrogalvanized steel wire reinforcement prevents kinking and collapsing.
- **Grounding Wire** – Steel wire can be grounded to help prevent the build-up of static electricity for added safety (see below†).
- **Transparent** – Allows for visual confirmation of material flow.
- **Glass-Smooth Interior** – Ensures smooth flow of material and reduces material buildup.

Series Number	Size Code	ID		OD		Max. Working Pressure† (psi)		Vacuum Rating Hg (in) at 70°F (20°C)	Min. Bend Radius (in) at 70°F (20°C)	Standard Length (ft)	Weight per Pkg. (lbs)
		(in)	(mm)	(in)	(mm)	at 70°F (20°C)	at 122°F (50°C)				
K7160	04	1/4	6.4	0.460	11.7	150	70	29.9	1	50/100	3.5/7
K7160	06	3/8	9.5	0.600	15.2	100	70	29.9	1 1/2	50/100	5.5/11
K7160	08	1/2	12.7	0.750	19.1	100	70	29.9	2	50/100	7.5/15
K7160	10	5/8	15.9	0.891	22.6	100	50	29.9	2 1/2	50/100	9.5/19
K7160	12	3/4	19.1	1.031	26.2	70	50	29.9	3	50/100	12/24
K7160	16	1	25.4	1.297	32.9	70	35	29.9	4	50/100	16.5/33
K7160	20	1 1/4	31.8	1.609	40.9	70	35	29.9	5	50	25
K7160	24	1 1/2	38.1	1.860	47.2	50	30	29.9	6	50	29
K7160	32	2	50.8	2.391	60.7	50	30	29.9	8	50	42
K7160	36	2 1/4	57.2	2.750	69.9	50	30	29.9	9	50	58
K7160	40	2 1/2	63.5	3.000	76.2	50	30	29.9	10	50	69
K7160	48	3	76.2	3.500	88.9	50	30	29.9	12	25/50	40.5/81

NOTES: † Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.
• Use of compression fittings with Kuri Tec® wire-reinforced hose is not recommended. 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. Hose is not to be used in combustible situations unless it has been determined by the end user the application is not sufficient to result in propagating brush discharge.

COMPLIANCES (for details see page 91)

3A (01), FDA (03), NSF (11), Phthalate Free (13), RoHS (14), UL (15), USDA (16), USP (17)

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