



POLYWIRE[®] Plus
K7300 Series

Heavy Duty Wire & Yarn Reinforced Food Grade PVC
Vacuum/Transfer Hose

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◀ SCAN OR VISIT
**KOA.link/
K7300**



GENERAL APPLICATIONS

- Ideal for applications which require the hose to withstand both high vacuum and pressure
- Liquid food transfer
- Pressure and vacuum applications which require excellent kink resistance
- Water transfer

CONSTRUCTION

- **Tube** – Transparent phthalate free PVC
- **Reinforcement** – Reinforced with high tensile yarns and 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⁾, and RoHS⁽¹⁴⁾ criteria

SERVICE TEMPERATURE RANGE

+15°F (-9°C) to +150°F (+65°C)

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.
- **Braided Fabric Reinforcement** – High tensile strength, food grade, polyester yarn braid provides higher working pressures.
- **Transparent** – Allows for visual confirmation of material flow.
- **Glass-Smooth Interior** – Ensures smooth flow of material and reduces material buildup.
- **Static Dissipative** – Steel wire can be grounded to help prevent the build-up of static electricity for added safety (see below[‡]).

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)				
K7300	08	1/2	12.7	0.906	23.0	250	125	29.9	2	25/50/100	6.5/13/26
K7300	12	3/4	19.1	1.196	30.4	225	112	29.9	2 1/2	25/50/100	10/20/40
K7300	16	1	25.4	1.464	37.2	225	112	29.9	3 1/2	25/50/100	13.3/26.5/53
K7300	20	1 1/4	31.8	1.780	45.2	175	87	29.9	4 1/2	25/50	18.5/37
K7300	24	1 1/2	38.1	2.030	51.6	175	87	29.9	5 1/2	25/50	21.5/43
K7300	32	2	50.8	2.600	66.0	150	75	29.9	7	25/50	32/64

NOTES: † 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. 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)

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