

## POLYWIRE® PLUS K7300 Series Hose Heavy Wall Wire-Yarn Reinforced Vacuum/ Pressure Hose



A unique crystal clear Phthalate Free PVC hose suitable for applications requiring a vacuum hose with higher pressure capability or as a pressure hose with vacuum capability.

### Construction:

- Crystal clear Phthalate Free PVC compound reinforced with high tensile yarns and helically-wound spring steel wire.
- The inner food contact surface is made with 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> and RoHS<sup>(16)</sup> criteria.

### Features:

- Wire helix reinforcement prevents kinking or collapsing... hose diameter will not expand under normal rated working pressures.
- 29.9" Hg vacuum rating @ 70°F.
- Electrogalvanized helical steel wire can be used for static dissipation (see below †).
- Yarn reinforcement provides higher working pressure.
- Heavy duty construction prevents hose O.D. from expanding and I.D. from collapsing.

Service Temperature Range: +15°F (-9°C) to +150°F (+65°C)

- Crystal clear – allows visual confirmation of product flow
- Glass-smooth interior – reduces material buildup.
- Inner contact surface material is NSF certified for food applications (standard 51). It also meets other criteria such as 3A and USDA.
- Resistant to chemicals (see chemical-resistance chart in Kuri Tec Catalog).
- Self-extinguishing.
- Non-marking.
- Silicone-free.
- Phthalate Free!

### Applications:

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

### Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Maximum Working Pressure† (PSI)		Standard Length Coils	Approx. Wt. per Pkg.	Min. Bend Radius @ 70°F
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)			
K7300	08	1/2	12.7	.906	23.0	250	125	25/50/100 ft.	6.5/13/26 lbs.	2"
K7300	12	3/4	19.1	1.196	30.4	225	112	25/50/100 ft.	10/20/40 lbs.	2 1/2"
K7300	16	1	25.4	1.464	37.2	225	112	25/50/100 ft.	13.3/26.5/53 lbs.	3 1/2"
K7300	20	1 1/4	31.8	1.780	45.2	175	87	25/50 ft.	18.5/37 lbs.	4 1/2"
K7300	24	1 1/2	38.1	2.030	51.6	175	87	25/50 ft.	21.5/43 lbs.	5 1/2"
K7300	32	2	50.8	2.600	66.0	150	75	25/50 ft.	32/64 lbs.	7"

† 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>, USDA<sup>(18)</sup>**

Please refer to the back page for the location of your nearest warehouse for availability of products/sizes shown.

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