



## POLYWIRE® K7130 Series

### Heavy Duty Food Grade PVC Vacuum/Transfer Hose

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K7130



#### 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<sup>(03)</sup> requirements, NSF<sup>(11)</sup> certified, meets USDA<sup>(16)</sup>, 3A<sup>(01)</sup>, UL<sup>(15)</sup>, USP<sup>(17)</sup> and RoHS<sup>(14)</sup> criteria

#### SERVICE TEMPERATURE RANGE

+25°F (-4°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 certified 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** – Electro-galvanized 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) |                                      |                                      |                      |                       |
| K7130         | 04        | 1/4   | 6.4  | 0.500 | 12.7 | 250                          | 80              | 29.9                                 | 1                                    | 50/100               | 5/10                  |
| K7130         | 06        | 3/8   | 9.5  | 0.625 | 15.9 | 150                          | 80              | 29.9                                 | 1 1/2                                | 50/100               | 6.5/13                |
| K7130         | 08        | 1/2   | 12.7 | 0.813 | 20.7 | 150                          | 80              | 29.9                                 | 2                                    | 50/100               | 10.5/21               |
| K7130         | 10        | 5/8   | 15.9 | 1.000 | 25.4 | 150                          | 65              | 29.9                                 | 2 1/2                                | 50/100               | 15/30                 |
| K7130         | 12        | 3/4   | 19.1 | 1.125 | 28.6 | 150                          | 65              | 29.9                                 | 3                                    | 50/100               | 18/36                 |
| K7130         | 16        | 1     | 25.4 | 1.375 | 34.9 | 100                          | 50              | 29.9                                 | 4                                    | 50/100               | 22/44                 |
| K7130         | 20        | 1 1/4 | 31.8 | 1.750 | 44.5 | 100                          | 50              | 29.9                                 | 5                                    | 50                   | 37                    |
| K7130         | 24        | 1 1/2 | 38.1 | 2.000 | 50.8 | 100                          | 35              | 29.9                                 | 6                                    | 50                   | 42                    |
| K7130         | 32        | 2     | 50.8 | 2.500 | 63.5 | 100                          | 35              | 29.9                                 | 8                                    | 50                   | 56                    |

**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]



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