

PVC Food & Beverage Hose

Kuri Tec®

POLYSPRING® Series K7160 — Standard wall PVC food & beverage vacuum/transfer hose

**MEETS
3A³
CRITERIA**

**NSF-51 & NSF-61⁴
MATERIAL**

Standard wall food and beverage grade vacuum/transfer hose with rated working pressures.

Construction:

Crystal clear PVC compound, formulated with ingredients in compliance with applicable FDA¹ requirements, meets USDA², 3A³ and NSF⁴ criteria and California Proposition 65⁵. Reinforced with helically-wound spring steel wire.

Features:

- 29.9" HG vacuum rating
- 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
- Non-toxic
- Silicone-free
- One-piece lengths
- Special cut piece lengths available through 1" ID size — check with factory

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



CERTIFIED UNDER STANDARD 51

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

Series K7160 — PVC food & beverage vacuum/transfer hose — crystal clear

| Series No. | Size Code | Nominal ID | | Nominal OD | | Max. 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) | | | |
| K7160 | 04 | 1/4 | 6.4 | .460 | 11.7 | 150 | 70 | 100 ft. | 7 lbs. | 1" |
| K7160 | 06 | 3/8 | 9.5 | .600 | 15.2 | 100 | 70 | 100 ft. | 11 lbs. | 1 1/2" |
| K7160 | 08 | 1/2 | 12.7 | .750 | 19.1 | 100 | 70 | 100 ft. | 15 lbs. | 2" |
| K7160 | 10 | 5/8 | 15.9 | .891 | 22.6 | 100 | 50 | 100 ft. | 19 lbs. | 2 1/2" |
| K7160 | 12 | 3/4 | 19.1 | 1.031 | 26.2 | 70 | 50 | 100 ft. | 24 lbs. | 3" |
| K7160 | 16 | 1 | 25.4 | 1.297 | 32.9 | 70 | 35 | 100 ft. | 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 | 50 ft. | 81 lbs. | 12" |

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

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

Compliance Footnotes:

- FDA** — CFR Title 21 Parts 170 to 199.
- USDA** — Chemically suitable for general use in slaughtering, processing, transporting, or storage areas in direct contact with meat or poultry food product prepared under Federal Inspection.
- 3A** — Complies with the criteria in 3-A Sanitary Standards for Multiple-use Plastic Materials used as Product Contact Surfaces for Dairy Equipment, Number 20-18 as amended.
- NSF** — Certified under Standard 51, Plastic materials and components used in food equipment. Compound is also certified under Standard NSF-61 for drinking water system components.
- Proposition 65** — Compounds contain no substances designated as hazardous under California Proposition 65.

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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