



# A1730 Series

## Food Grade Polyethylene Hose

### GENERAL APPLICATIONS

- Applications involving radiation or other contaminants that require disposal of the hose after use
- Food transfer

### CONSTRUCTION

- Tube – Phthalate free Polyethylene (Hardness: 82±3 Shore “A”)
- Reinforcement – High tensile strength yarn
- Cover – Phthalate Free flexible Polyethylene (Hardness: 68±3 Shore “A”)

### COMPLIANCE INFORMATION

In compliance with FDA<sup>(04)</sup> and RoHS<sup>(14)</sup> requirements

### SERVICE TEMPERATURE RANGE

-60°F (-51°C) to +120°F (+49°C)

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◀ SCAN OR VISIT  
**KOA.link/  
A1730**



### FEATURES AND ADVANTAGES

- **Braided Fabric Reinforcement** – High tensile strength, food grade, polyester yarn braid provides higher working pressures.
- **Excellent Chemical Resistance** – Outstanding resistance to acids, caustics, salts and aqueous solutions. Not recommended for prolonged exposure to aromatic or chlorinated hydrocarbons.
- **Non-Chlorinated** – Can be incinerated without harmful emissions.

| Series Number | Size Code | ID   |      | OD    |      | Max. Working Pressure <sup>†</sup> (psi) |                 | Standard Length (ft) | Weight per Pkg. (lbs) |
|---------------|-----------|------|------|-------|------|------------------------------------------|-----------------|----------------------|-----------------------|
|               |           | (in) | (mm) | (in)  | (mm) | at 70°F (20°C)                           | at 122°F (50°C) |                      |                       |
| A1730         | 04        | 1/4  | 6.5  | 0.460 | 11.7 | 150                                      | 75              | 500/100              | 22.5/4.5              |
| A1730         | 06        | 3/8  | 9.5  | 0.593 | 15.1 | 150                                      | 75              | 300/100              | 19.8/6.6              |
| A1730         | 08        | 1/2  | 12.7 | 0.740 | 18.8 | 150                                      | 75              | 300/100              | 17.3/9.1              |

- 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.

**COMPLIANCES** (for details see page 91)  
**FDA (04), Phthalate Free (13), RoHS (14)**

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