

# **FLEX-TECH**

## **HOSE & TUBING, INC.**

### **PEB EXTREME FDA/NSF-51 UV STABILIZED POLYETHYLENE BEVERAGE HOSE**

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**Specially formulated for superior UV resistance to microbial growth in outdoor or direct sunlight installation.**

Hose is made from premium grade FDA and NSF listed materials. The EVA cover is enhanced with U.V. stabilizer and the Polyethylene tube material have been carefully selected for low taste and odor properties, superior flexibility, clarity and high environmental stress cracking resistance.



#### **Applications:**

- Remote indoor or outdoor connections to the various equipment listed below
  - Soft drink fountain machines for retail and commercial dispensing
  - Water service (potable) both carbonated and non-carbonated
  - Dairy product dispensing machines
  - Food product distribution and dispensing
  - Draught beer, wine and liquor distribution and dispensing systems

#### **Features:**

- UV stabilized black or blue opaque jacket prevents damaging transmission of light and harmful UV radiation to the liquid being conveyed.
  - Lower light has been proven to reduce microbial and algae growth in water and other liquids.
- Low taste and odor, smooth bore tube for excellent flush-ability, product changes and clean-out.
- Heavy duty wall for improved kink resistance & non-marking
- Good low and high temperature properties including high environmental stress crack resistance characteristics.
- Designed for easy coiling, assembling and installation

## Construction:

- **Tube:** extruded from FDA approved (regulation 21 CFR 177.1520) and NSF-51 listed Polyethylene. Material has been carefully selected for its low taste and odor properties, superior flexibility, clarity and high environmental stress cracking resistance.
- **Reinforcement:** Synthetic, high tensile strength textile cord for improved coupling retention, higher pressure ratings and longer lasting overall product integrity and durability
- **Cover:** UV stabilized, FDA approved (regulations 21 CFR 177.1350 and 175.105) Ethylene Vinyl Acetate (EVA) Copolymer specially formulated for longevity and flexibility
- All materials used in the construction of this product are RoHS compliant.

## Specifications:

Temperature Range:	-40°F (-40°C) to 150°F (65.5°C)
Standard Sizes:	1/4", 3/8", 1/2"
Rated Working Pressure:	See Table Below (min 3:1 safety factor)
Packaging:	100' coils boxed or shrink wrapped in plastic and labeled, 300' or 500' bulk coils or cardboard spools (available boxed for redistribution upon request)

\*Private brand labeling and non-standard colors available – minimum order quantities may apply.

Item Number	Nom. I.D.	Nom. O.D.	Max W.P. @ 70°F	WT. Per Ft.	Standard Pkg Qty
PEBX-04CC-00	1/4	0.450	300 PSI	.045 lbs	500 ft boxed or reels
PEBX-06CC-00	3/8	0.595	300 PSI	.077 lbs	300 ft boxed or reels
PEBX-08CC-00	1/2	0.735	250 PSI	.090 lbs	300 ft boxed or reels