

# PVC-B Series

## *PVC Food and Sanitary Hose with Polyester Braid Reinforcement*

This highly flexible and economical hose is ideally suited for the handling of food and beverages, as well as bulk pharmaceuticals and cosmetics. Manufactured from FDA materials, it is crystal clear to allow the monitoring of fluid flow. This lightweight hose is frequently used on liquid fill packaging machines. It is suitable for use in deionized water and potable water systems. It can be used as a pneumatic line or for breathing air lines.

### *PVC Advantage:*

**Sanitary** - FDA approved materials meet or exceed **3A, USDA, and California Proposition 65** requirements. **NSF 51 and NSF 61** approved hose is also available.

**Chemical Compatibility** - PVC is resistant to a wide range of common industrial chemicals (consult with the factory for specific recommendations).

**Compatible** - PVC is suitable for general use in slaughtering, processing, transporting and storage areas in direct contact with meats or poultry food products prepared under Federal Inspection. It is silicone-free.

### *Fittings:*

Over 40 standard fitting styles available, including; Flanged, Sanitary, JIC, NPT, Cam Lock, PFA Encapsulated, Solid Kynar and Polypropylene fittings. Standard material is 316 Stainless Steel. Non-Wetted fitting material is Epoxy Powder coated Carbon Steel. Fitting designs feature high performance smooth internal surface finishes exceeding **FDA, USDA, Pharmacopoeia class VI** and **3A** standards. All collars are Stainless Steel.

## Specifications:

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

I.D. NOMINAL (in.)	O.D. NOMINAL (in.)	MAXIMUM WORKING PRESSURE (psi) @70°F (20°C)	MAXIMUM WORKING PRESSURE (psi) @122°F (50°C)	MINIMUM BEND RADIUS (in.)	APPROXIMATE WEIGHT PER 100 FEET (lbs)
3/16	0.375	250	150	1.60	5
1/4	0.438	250	150	2.50	6
5/16	0.531	250	135	3.00	8
3/8	0.594	225	125	3.50	9
1/2	0.750	200	100	4.50	13
5/8	0.891	200	100	5.50	18
3/4	1.031	150	85	7.00	22
1	1.300	125	75	8.50	30
1 1/4	1.620	100	55	11.00	45
1 1/2	1.938	100	50	14.00	64
2	2.490	75	35	18.00	94

Maximum working pressure decreases as temperature increases.

Rated pressures can only be obtained with proper coupling procedures

