

PVC-W Series

PVC Food and Sanitary Hose with Wire Helix Reinforcement

This full vacuum rated 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 also 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.

Static Dissipation - The imbedded electrogalvanized helical steel wire can be attached to the end fitting to prevent static build up when conveying certain fluids.

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, Pharmacopoeia class VI, USDA, 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)	VACUUM RATING (in/Hg)	MINIMUM BEND RADIUS (in.)	APPROXIMATE WEIGHT PER 100 FEET (lbs)
1/4	0.500	250	80	29.9	1.0	10
3/8	0.625	150	80	29.9	1.5	13
1/2	0.813	150	80	29.9	2.0	21
5/8	1.000	150	65	29.9	2.5	30
3/4	1.125	150	65	29.9	3.0	36
1	1.375	100	45	29.9	4.0	44
1 1/4	1.750	100	50	29.9	5.0	74
1 1/2	2.000	100	35	29.9	6.0	84
2	2.500	100	35	29.9	8.0	112

Maximum working pressure decreases as temperature increases.

Rated pressures can only be obtained with proper coupling procedures



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