

PVC Hose-Smooth Cover

Heavy Duty Clear PVC Food and Sanitary Hose

This flexible and economical hose is ideally suited for the handling of both dry and liquid food products, as well as bulk pharmaceuticals and cosmetics. Manufactured from FDA materials, it is crystal clear to allow the monitoring of material flow. This lightweight hose is frequently used in pneumatic transfer of power, pellets and granular materials. It can also be used for the conveying of milk and dairy products, juice and syrup transfer, fish processing and in poultry cleaning operations.

PVC Advantage:

Sanitary – Complies with all applicable **FDA** (CFR Title 21 Parts 170 to 199), **USDA** (for Federally inspected meat and poultry plants) requirements and **3A** (No. 20-15) sanitary standards.

Chemical Compatibility - PVC is resistant to a wide range of common food related by-products and 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. Suitable for the handling and processing of milk and milk products.

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 **Pharmacopoeia class VI, FDA, USDA, and 3A** standards. All collars are Stainless Steel.

Specifications:

Temperature Range: -4°F (-20°C) to 150°F (+65°C)

ID NOMINAL	OD NOMINAL	MAXIMUM WORKING PRESSURE(psi) @ 70°F (20°C)	MAXIMUM WORKING PRESSURE(psi) @ 104°F (40°C)	MINIMUM BEND RADIUS	APPROXIMATE WEIGHT LBS/FOOT
3/4	0.94	115	75	3.00	0.17
1	1.28	100	70	3.00	0.24
1 1/4	1.56	90	65	4.00	0.44
1 1/2	1.80	85	60	6.00	0.50
2	2.36	85	60	8.00	0.71
2 1/2	2.88	65	45	10.00	0.94
3	3.42	55	40	11.00	1.14
4	4.51	50	35	18.00	1.91
5	5.51	40	25	28.00	2.41
6	6.60	30	20	48.00	3.28
8	8.85	25	15	60.00	5.67

Maximum working pressure decreases as temperature increases.
Rated pressures can only be obtained with proper coupling procedures

