

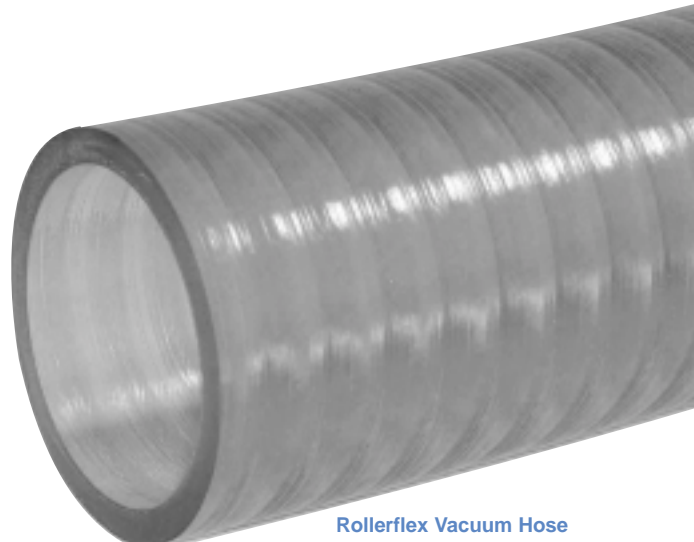
Rollerflex® Vacuum Hose Lightweight PVC Cord Reinforced Vacuum Hose

- Strong PVC cord embedded within the walls of the PVC Tubing
- Smooth Surface Inside and Out
- 50% Lighter Than Conventional Hose
- For use in both Pressure and Vacuum applications
- Recommended for Vacuum pumps on Mass Spectrometers
- Full Vacuum Rating - less than 1×10^{-7} torr
- Kink and Crush Resistant
- Transparency Allows Easy Visual Inspection of Interior Contents
- Low Cost Alternative to Wire Reinforced Hose
- Light Weight but tough and abrasion resistant
- Bend Radius of 3 time I.D.
- Chemical Resistant
- Usable Temperature Range 10°F - 140°F

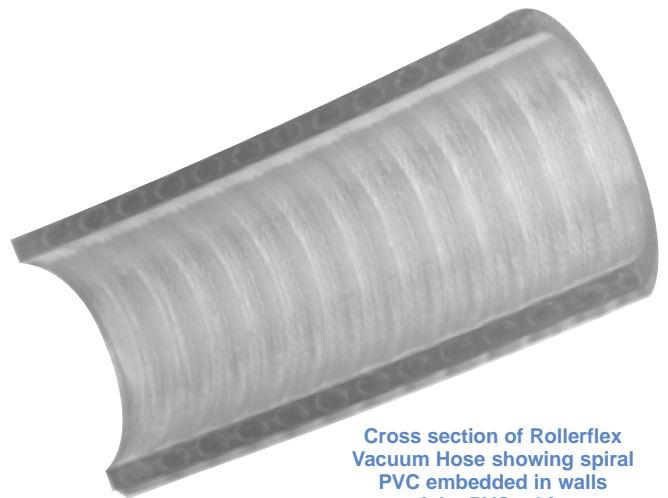
Rollerflex spiral PVC cord reinforced vacuum hoses are widely used on vacuum pumps, on mass spectrometers and other scientific instruments. A rigid PVC cord is embedded within the walls of the PVC tubing to give the hose strength and rigidity. It resists impact and crushing but also permits the hose to be light in weight and easy to handle. The hose is clear, allowing the user to have full visual observation of the contents of the hose. This hose offers the advantages of low cost, low weight and superior corrosion resistance over other vacuum hoses. The PVC used for the construction of this hose meets FDA criteria for food and beverage industries and oil resistant materials for the petroleum industry.

The applications of this hose include all vacuum lines on mass spectrometers and other scientific instruments as well as food and beverage dispensing. The construction of this hose makes it ideal for use on the vacuum pumps of mass spectrometers and other scientific instruments, where resistance to kinking and chemical purity are important.

Available cut to your size requirements in lengths from 1 to 99 feet or purchased in 100 foot rolls for additional savings.



Rollerflex Vacuum Hose



Cross section of Rollerflex Vacuum Hose showing spiral PVC embedded in walls of the PVC tubing

SPECIFICATIONS

Chemical Content.....	100% Polyvinyl Chloride
Tensile Strength.....	1900 - 2000 psi
Working Temperature.....	10°F to 1405°F
Radius of Curvature.....	.3 times I.D.
Vacuum Rating.....	.28 in. Hg.
Burst Rating.....	.225 - 315 psi

Product No.	Description	I.D.	O.D.	Wall	Bend Radius
RF075	0.75" I.D. Rollerflex Vacuum Hose	0.75"	0.938"	0.10"	3"
RF075SP*	0.75" I.D. Rollerflex Vacuum Hose	0.75"	0.938"	0.10"	3"
RF100	1.00" I.D. Rollerflex Vacuum Hose	1.00"	1.25"	0.12"	3"
RF100SP*	1.00" I.D. Rollerflex Vacuum Hose	1.00"	1.25"	0.12"	3"
RF125	1.25" I.D. Rollerflex Vacuum Hose	1.25"	1.50"	0.12"	3"
RF150	1.50" I.D. Rollerflex Vacuum Hose	1.50"	1.81"	0.16"	4"
RS163	1.63" I.D. Rollerflex Vacuum Hose (opaque)	1.63"	2.00"	0.19"	4"
RF175	1.75" I.D. Rollerflex Vacuum Hose	1.75"	2.25"	0.17"	5"
RF200	2.00" I.D. Rollerflex Vacuum Hose	2.00"	2.375"	0.19"	5"
RF300	3.00" I.D. Rollerflex Vacuum Hose	3.00"	3.4375"	0.19"	8"

* with white PVC cord