



# PROFESSIONAL PLASTICS



## Steel Wire Reinforced PVC Suction Hose

- Spiral steel wire reinforcement incorporated within the wall of flexible PVC tubing
- Made from non-toxic ingredients conforming to FDA standards
- Kink and crush resistant
- Handles pressure and full vacuum (29.9 in./Hg.) applications
- Glass-like clarity with mirror-smooth surfaces provide outstanding visual flow characteristics
- Lightweight (compared to rubber hose) yet tough and abrasion resistant

### APPLICATIONS

Chemical Transfer • Conduit • Coolant Lines • Environmental Suit Air Feed • Equipment • Floor Cleaning • Food & Beverage Lines • Material Handling • Shop Air Supply • Spray Systems • Vacuum Lines • Water Feeds

### Physical Properties\*\*

Hardness, Shore A ±5	73
Tensile Strength, psi	2100
Elongation at Break, %	270
Brittle Temperature	23°F
Max. Operating Temperature	150°F

\*\*Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for the application.

### Notes

VARDEX, with its steel wire reinforcement coil, is specially suited for applications where resistance to kinking is of primary importance. A proprietary construction technique employed during the manufacture of VARDEX permits full vacuum capabilities (29.9 in./Hg.) for all sizes without hose collapse.

Constructed of corrosion-resistant PVC, VARDEX can be used to transport various chemicals in areas with tight turns and sharp bends. Its bend radius is approximately four times the I.D.

For easy identification, VARDEX is imprinted with the trademarked name.

### Recommended Fittings & Clamps

- [Thermobarb® - Plastic Multi-Barbed Fittings](#)
- [Thermobarb® - Brass Barbed Fittings](#)
- [Cam operated couplings](#)
- [Oetiker® ear type clamps](#)
- [Kwik Clamp\(TM\) nylon double bond hose clamps](#)
- [Stainless steel worm gear clamps](#)

Product Number	ID	OD	Working PSI (at 70°F)	Burst PSI (at 70°F)	Wall	Colors
<a href="#">1400070</a>	250 (1/4)	.453	200	800	.102	Clear
<a href="#">1400112</a>	375 (3/8)	.610	175	525	.118	Clear
<a href="#">1400154</a>	500 (1/2)	.748	140	420	.124	Clear
<a href="#">1400196</a>	625 (5/8)	.906 (29/32)	100	300	.141	Clear
<a href="#">1400238</a>	750 (3/4)	1.024	100	300	.137	Clear
<a href="#">1400280</a>	1.000	1.319	85	255	.160	Clear
<a href="#">1400322</a>	1.250 (1-1/4)	1.634	85	255	.192	Clear
<a href="#">1400364</a>	1.500 (1-1/2)	1.909	85	255	.205	Clear
<a href="#">1400406</a>	2.000	2.382	70	210	.191	Clear



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