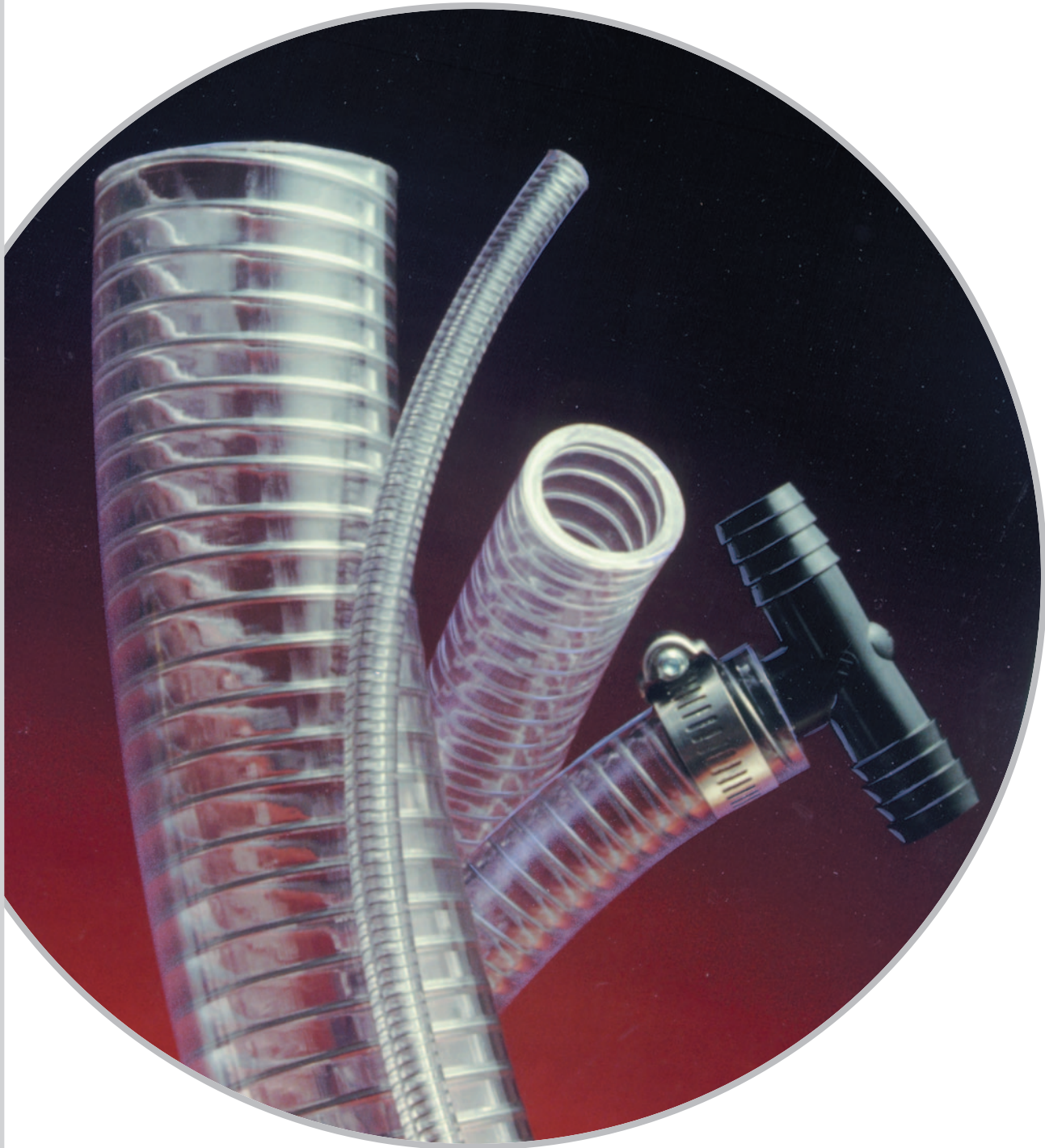


Vardex[®]

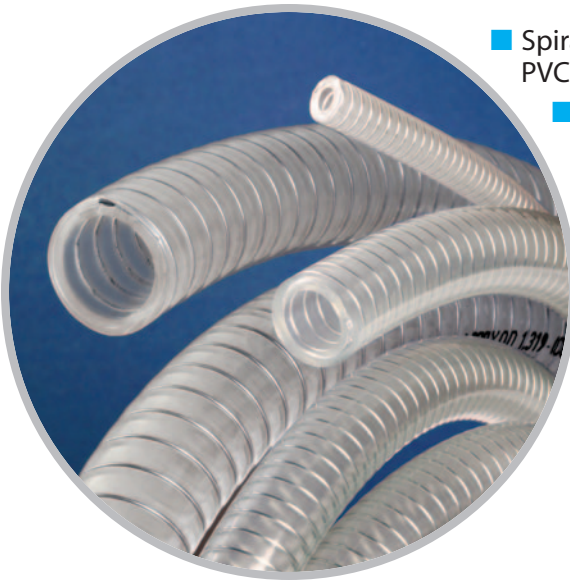
Clear Steel Wire Reinforced PVC Suction Hose



ESOP Employee Owned
for Your Benefit

Fluid Transfer Specialists[®]

Clear 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 hoses) yet tough and abrasion resistant
- REACH compliant

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.

Physical Properties**

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

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

| PART NO. | ID (IN.) | OD (IN.) | WALL (IN.) | WORKING PSI AT 70°F | BEND RADIUS (IN.) | LBS. PER 100 FT. |
|----------|----------|----------|------------|---------------------|-------------------|------------------|
| 140 0070 | 1/4 | 29/64 | .102 | 200 | 1 | 7.0 |
| 140 0112 | 3/8 | .610 | .118 | 175 | 1-1/2 | 11.5 |
| 140 0154 | 1/2 | .748 | .124 | 140 | 2 | 15.0 |
| 140 0196 | 5/8 | 29/32 | 9/64 | 100 | 2-1/2 | 19.8 |
| 140 0238 | 3/4 | 1.024 | .137 | 100 | 3 | 24.0 |
| 140 0280 | 1 | 1.319 | .160 | 85 | 4 | 37.6 |
| 140 0322 | 1-1/4 | 1.634 | .192 | 85 | 4-1/2 | 49.0 |
| 140 0364 | 1-1/2 | 1.909 | .205 | 85 | 6 | 67.2 |
| 140 0406 | 2 | 2.382 | .191 | 70 | 8 | 85.0 |

Standard coil length is 100 ft. Add length suffix to part number when ordering. Example: 100 ft. of 2" I.D. x 2.382" O.D. hose is part number 140 0406-100.

Working pressures are calculated from burst testing using a 3:1 safety factor. Application testing is recommended.

BOLD indicates the critical dimension for fittings application.

Recommended Fittings & Clamps

- Thermobarb® barbed fittings
- Cam operated couplings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

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DISTRIBUTOR PARTNER



145 James Way
Southampton, PA 18966
www.newageindustries.com

800-50-NEWAGE
(800-506-3924)
215-526-2300

Fax: 800-837-1856
215-526-2190

info@newageindustries.com