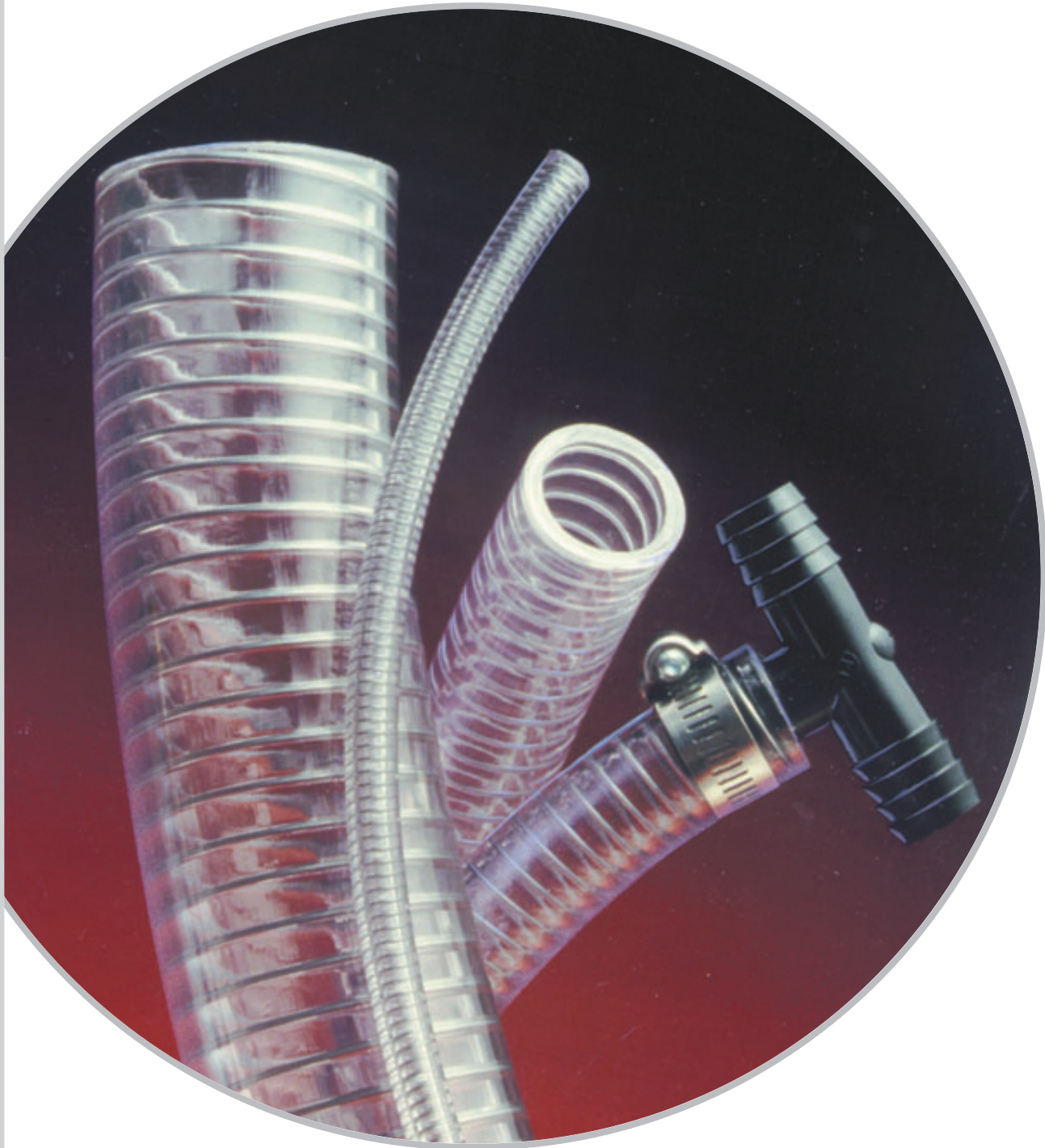


Vardex®

Clear Steel Wire Reinforced PVC Suction Hose

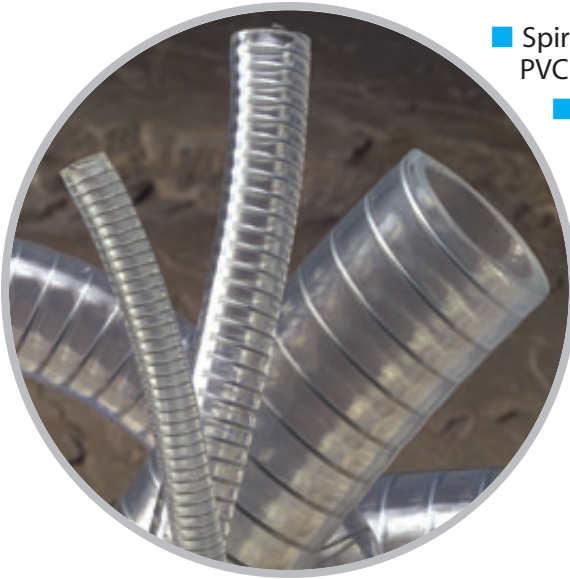


NEWAGE
INDUSTRIES

ESOP Employee Owned
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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

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.

Cut coils are available; charges apply — call for details.

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

Kwik Clamp, Thermobarb, Vardex, NewAge, "Fluid Transfer Specialists," and The "N" Logo are trademarks of NewAge® Industries, Inc. • Oetiker reg. TM Oetiker, Inc.

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