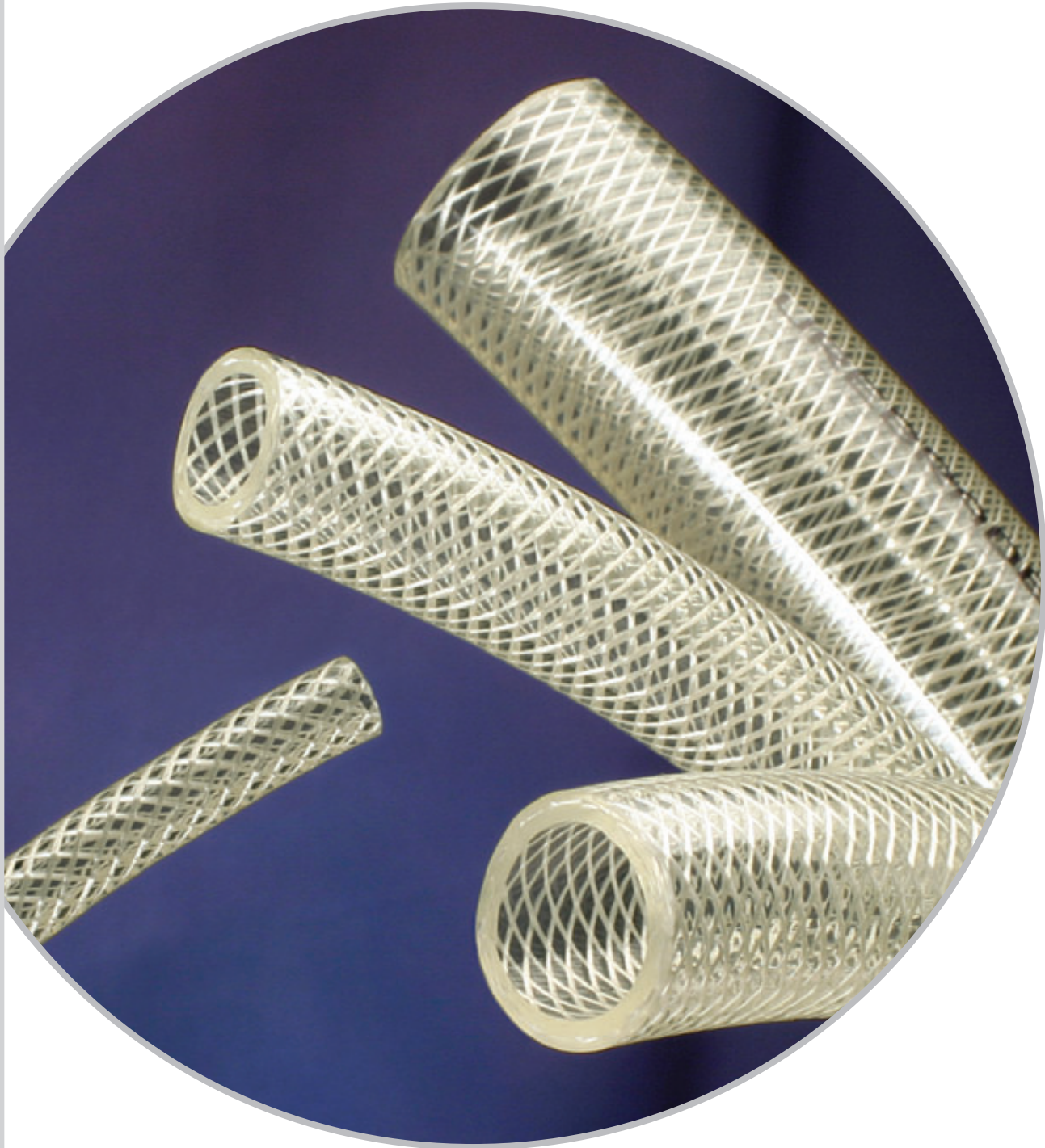


Urebrade[®]

Transparent Braid Reinforced Polyurethane Hose



Celebrating

55

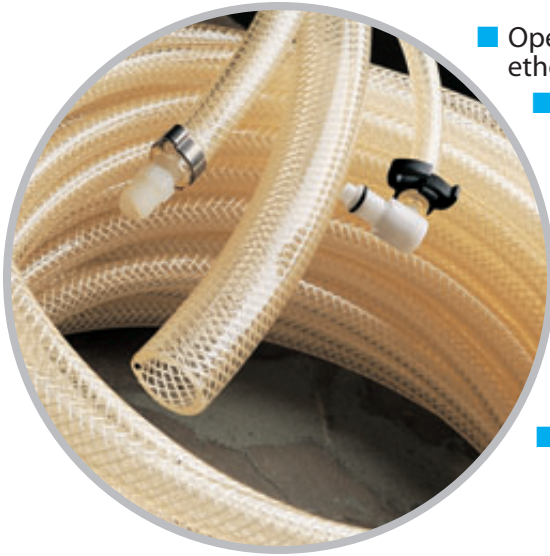
Years
of Service
1954-2009

ESOP Employee Owned
for Your Benefit

NEWAGE
INDUSTRIES

Fluid Transfer Specialists[®]

Transparent Braid Reinforced Polyurethane Hose



- Open mesh polyester braiding incorporated within the wall of flexible, ether-based polyurethane
- Transparent ether-based polyurethane is made from non-toxic ingredients conforming to FDA standards and is listed by the National Sanitation Foundation (NSF 61) for use with potable water
- Offers much greater pressure capability than unreinforced polyurethane tubing
- Resistant to weathering†, tearing, impact, abrasion, radiation exposure, oils, greases, and fuels††
- Wide range of temperature resistance; -90°F to 175°F
- Contains no plasticizer which could migrate and cause flow contamination or tube hardening
- Naturally transparent for visual contact with the flow



Notes

†Hydrolytic Stability — UREBRADE is supplied in an ether formulation, making it resistant to attack from moisture and fungi. UREBRADE also resists attack from ultra-violet rays making it a good material for outside use. The compound used in UREBRADE is listed by the National Sanitation Foundation (NSF 61).

Where applications involve repeated flexing, heavy vibration, or abrasion, UREBRADE offers superior service life over other materials.

Ester-based UREBRADE is available through minimum order — call for details.

††Due to additives in today's gasoline and petroleum products, field testing should be performed.

For easy identification, transparent UREBRADE is imprinted with the trademarked name.

Physical Properties**

Hardness, Shore A ±5	85
Tensile Strength, psi	5500
Elongation at Break, %	580
Brittle Temperature, °F	-90
Max. Operating Temperature, °F	175

**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.)	STANDARD LENGTH (FT.)	WORKING PSI AT 70°F	BURST PSI AT 70°F	LBS. PER 100 FT.
220 0072	1/4	.470	.110	50, 100	250	1000	6.04
220 0149	3/8	.630	.128	50, 100	190	760	9.78
220 0226	1/2	3/4	1/8	25, 50, 100	150	600	11.92
220 0303	5/8	.905	9/64	25, 50, 100	130	520	16.34
220 0380	3/4	1.025	.138	25, 50, 100	100	400	18.62
220 0457	1	1.300	.150	25, 50, 100	80	320	26.32
220 0534	1-1/4	1.710	.230	25, 50, 100	75	300	51.94
220 0611	1-1/2	1.930	.215	25, 50, 100	50	200	56.26
220 0688	2	2-1/2	1/4	25, 50, 100	40	160	85.82

Add length suffix to part number when ordering. Example: 100 ft. of 1/4" I.D. x .470" O.D. transparent hose is part number 220 0072-100.

Cut coils available; charges apply — call for details.

Due to the coil diameter, some larger sizes must ship via truck.

BOLD indicates the critical dimension for fittings application.

Recommended Fittings & Clamps

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

Custom Services

- **Cut**
- **Color**
- **Hot Bond**
- **Size**
- **Overbraid**
- **Heat-Form**
- **And More**

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

WARRANTY: NewAge Industries' products are warranted to be free from defects in material and workmanship. Any product found to carry such defects will be replaced without charge. This warranty is limited only to the replacement of NewAge Industries' products, item for item, which after examination by NewAge Industries are deemed defective. NewAge Industries specifically disclaims any other liability. The data supplied is provided as a helpful guideline and is believed to be reliable; however, nothing stated shall constitute a guarantee, recommendation, or warranty for any application.

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9/25/09

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