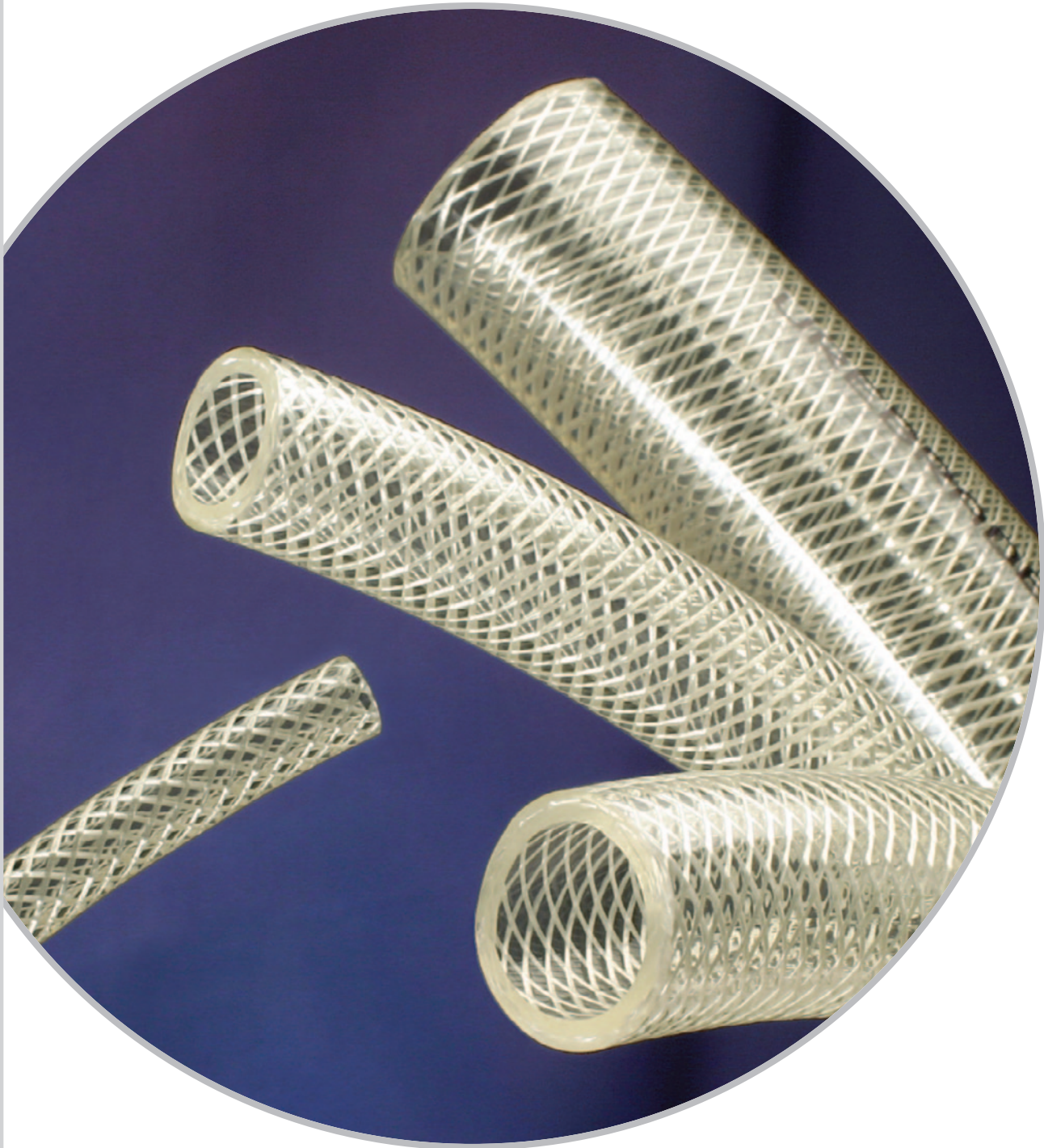


# Urebrade<sup>®</sup>

Transparent Braid Reinforced Polyurethane Hose

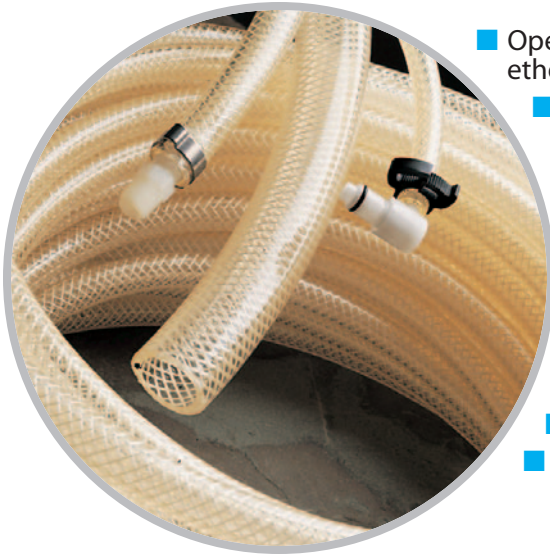


**ESOP** Employee Owned  
for Your Benefit



Fluid Transfer Specialists<sup>®</sup>

## Transparent Braid Reinforced Polyurethane Hose



- Open mesh polyester braiding incorporated within the wall of flexible, ether-based polyurethane
- Made from non-toxic raw ingredients conforming to FDA standards
- Resin 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
- Free of DEHP, phthalates, BPA and conflict minerals
- RoHS compliant
- 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. The resin 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	BEND RADIUS (IN.)	LBS. PER 100 FT.
220 0072*	.250	.470	.110	50, 100	250	.750	6.04
220 0149*	.375	.630	.127	50, 100	190	.750	9.78
220 0226*	.500	.750	.125	25, 50, 100	150	1.500	11.92
220 0303	.625	.905	.140	100	130	2.000	16.34
220 0380	.750	1.025	.137	50, 100	100	3.000	18.62
220 0457*	1.000	1.300	.150	25, 50, 100	80	3.500	26.32
220 0534	1.250	1.710	.230	50, 100	75	4.000	51.94
220 0611*	1.500	1.930	.215	50, 100	50	5.500	56.26
220 0688	2.000	2.500	.250	100	40	7.500	85.82

Add length suffix to part number when ordering. Example: 100 ft. of .250" I.D. x .470" O.D. hose is part number 220 0072-100.

Working pressures are calculated from burst testing using a 4:1 safety factor. Application testing is recommended.

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.

\*Limited stock availability; lead times and minimums may apply — call for details.

### Recommended Fittings & Clamps

- Thermobarb® barbed fittings
- Cam operated couplings
- 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, Thermobarb, Urebrate, NewAge, "Fluid Transfer Specialists," and The "N" Logo are trademarks of NewAge® Industries, Inc. • Oetiker reg. TM Oetiker, Inc.

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2/7/22

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