

Nylobrade® Push-On Hose

Premium Thermoplastic Push-On Style Hose



ESOP Employee Owned
for Your Benefit

Fluid Transfer Specialists®

Premium Thermoplastic Push-On Style Hose



- A blend of nitrile rubber and PVC reinforced with polyester
- Specially designed for use with barbed push-on style fittings without the need of clamps
 - Non-marking cover, resistant to U.V., ozone, and abrasion
 - Electrically non-conductive
 - Offers cold temperature flexibility
 - Well suited for air and water lines and outdoor use
 - Silicone free — use as air hose in paint applications
 - Lighter weight and more abrasion resistant than all-rubber, push-on style hose
- Available with brightly colored covers — call for details

Notes

NYLOBRADE PUSH-ON may be used up to 200 psi at 70°F. Elevated temperatures require in-field testing to determine suitability for use without clamps.

The opaque black color of NYLOBRADE PUSH-ON helps hide dirt and scuff marks. Other colors can be manufactured to match machinery and equipment — call for details.

Physical Properties**

Hardness, Shore A	75
Tensile Strength, psi	1800
Ultimate Elongation, %	350
100% Modulus of Elasticity, %	1200
Brittle Temperature, °F	-35
Maximum Operating Temp. when used with clamps, °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.

Recommended Fittings

- Thermobarb® barbed fittings
- Cam operated couplings
- SafeAir® fittings

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	WORKING PSI AT 70°F	BEND RADIUS (IN.)	LBS. PER 100 FT.
431 0054	1/4	1/2	1/8	200	2.50	8
431 0068	.313	9/16	1/8	200	3.13	10
431 0082	3/8	5/8	1/8	200	3.75	11
431 0110	1/2	3/4	1/8	200	5.00	14
431 0138	5/8	7/8	1/8	200	6.25	17
431 0166	3/4	1.030	1/8	200	7.50	20

Standard coil length is 100 ft. Add length suffix to part number when ordering. Example: 100 ft. of 1/4" I.D. x 1/2" O.D. tubing is part number 431 0054-100.

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

BOLD indicates the critical dimension for fittings application.

Custom Services

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

Call for more information: **800-506-3924** or **215-526-2300**

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