



Nylobrade® Push-On

Premium Thermoplastic Push-On Style Hose



- A blend of nitrile rubber and PVC reinforced with polyester
- Specially designed for use with Push-On style barbed fittings which eliminate the need for 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

Notes

NYLOBRADE PUSH-ON may be used up to 200 psi at 68°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.

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, °F	150

Note: Pressure rating of 200 psi will decrease when hose is used above ambient temperature without clamps.

**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 & Clamps

(these fittings may require clamps)

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

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	WORKING PSI AT 68°F	BEND RADIUS (IN.)	LBS. PER 100 FT.
431 0054	.260	.500	.120	200	2.50	8
431 0068	.318	.570	.123	200	3.20	10
431 0082	.385	.630	.120	200	3.85	11
431 0110	.510	.750	.120	200	5.00	14
431 0138	.635	.880	.120	200	6.25	17
431 0166	.765	1.040	.133	200	7.50	20

Standard coil length is 100 ft. Add length suffix to part number when ordering. Example: 100 ft. of .260" I.D. x .500" O.D. tubing is part number 431 0054-100.

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

Application testing is recommended.

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

BOLD indicates the critical dimension for fittings application.