



Nylon Pure Air Tubing

Series PAT: Ultra Pure, UV Resistant

Parflex PAT series nylon tubing is manufactured from a specially formulated nylon for use in pure air and gas distribution systems. PAT tubing offers excellent chemical resistance and ultraviolet light resistance. The tubing maintains good resistance to high ambient temperatures with low moisture absorption. PAT offers high tensile strength with excellent coupling retention in high-pressure, temperature and vibration environments. Sizes 1/4" and smaller are single wall tubing having superior heat and light resistance. Tubing sizes 3/8" O.D. and above are reinforced constructions intended for gas distribution system connections where there is no substantial movement between end couplings.

The recommended operating temperature range for service at rated pressures with compatible fluids is -70°F (-56.6°C) to +200°F (+93°C).

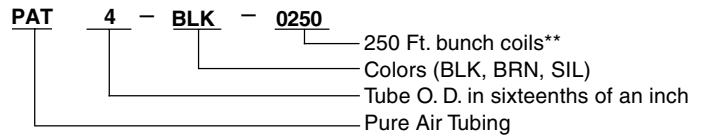
PAT tubing is rated for full vacuum service at 28 inch Hg.

Available in black (BLK), brown (BRN), and silver (SIL).

Fitting Recommendations:

- Parker DAT series brass compression fittings.

Order by tubing part number and name



Nylon Part Number	Nom. Tube O. D. in.	Nom. Tube I. D. in.	Avg. Wall Thick. in.	*Working Pressure at 73°F psi	Min. Burst Pressure at 73°F psi	Min. Bend Radius in.	Std.** Reel Length ft.	Weight lbs. Per 100 ft.
#								
PAT2	1/8	.079	.023	250	1000	3/8	1000	3.50
PAT4	1/4	.170	.040	300	1200	1.0	250	12.41
PAT6	3/8	.251	.062	350	1400	1-1/2	250	28.22
PAT8	1/2	.376	.062	235	950	2.0	500	39.54
PAT10	5/8	.441	.092	225	900	2-1/2	250	70.21
PAT12	3/4	.566	.092	200	800	3.0	250	87.23

*Suggested working pressure is 1/4 of burst pressure.

**Other reel lengths may be available. [Contact the Parflex Division for details.](#)