

# Nylon Pure Air Tubing

## Series PAT: Ultra Pure, UV Resistant



### Features

- The tubing choice for pure air systems (semiconductor) due to its cleanliness and excellent chemical and UV light resistance
- Maintains good resistance to high ambient temperatures with low moisture absorption
- Manufactured from a specially formulated nylon for use in pure air and gas distribution systems
- Provides high tensile strength with excellent coupling retention in high pressure, temperature and vibration environments
- Sizes -2 and -4 are single wall tubing construction
- Sizes -6 through -12 are reinforced tubing construction

### Applications/Markets



- Pure air and gas distribution systems
- Semi-conductor

Part Number	Tube O.D.		Tube I.D.		Average Wall Thickness		Working Pressure at 73°F /23°C		Minimum Burst at 73°F /23°C		Reel Length	Minimum Bend Radius		Weight	
	inch	mm	inch	mm	inch	mm	psi	bar	psi	bar		feet	inch	mm	lbs./ft.
<b>#</b>															
PAT2	1/8	3.2	.079	2.0	.023	0.58	250	17.2	1000	69.0	1000	.37	9.4	.035	.052
PAT4	1/4	6.4	.170	4.3	.040	1.0	300	20.7	1200	82.7	1000	1.00	25.4	.124	.185
PAT6	3/8	9.5	.251	6.4	.062	1.6	350	24.1	1400	96.4	500	1.50	38.1	.282	.420
PAT8	1/2	12.7	.376	9.6	.062	1.6	235	16.2	950	65.5	500	2.00	50.8	.395	.588
PAT10	5/8	15.9	.441	11.2	.092	2.3	225	15.5	900	62.1	250	2.50	63.5	.702	1.04
PAT12	3/4	19.1	.566	14.4	.092	2.3	200	13.8	800	55.2	250	3.00	76.2	.872	1.30



For detailed ordering information, please consult price list or contact Parflex® Division.

## Order Information

### Example: PAT4-BLK-0250

**PAT4-BLK-0250** – Pure Air Tubing

**PAT4-BLK-0250** – Tube O.D. in sixteenths of an inch (**1/4"**)

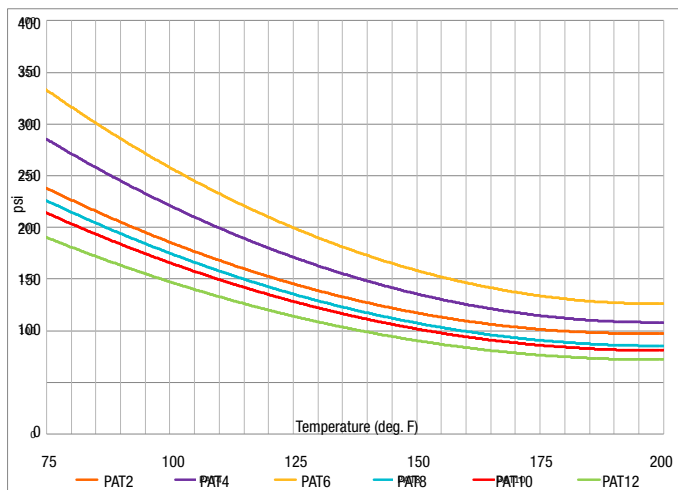
**PAT4-BLK-0250** – Color (**Black**)

**PAT4-BLK-0250** – Package Quantity in feet (**250'**)

Color Code		
●	BLK	Black
●	BRN	Brown
●	SIL	Silver

## Pure Air Nylon Tubing (Series PAT)

### Maximum Working Pressure (psig)



## Fittings

Parker Fittings available from:  
Fluid System Connectors Division  
Otsego, MI  
(269) 692-6555  
(269) 694-4614 FAX

FSC Product Families:

- Compression
- Compress-Align\*
- Poly-Tite
- Hi-Duty
- Fast & Tite
- Flow Control
- Prestolok Brass
- Prestolok Composite
- Global Connect
- NTA\*

A tube support should be used with this tubing for maximum holding power where end loading, vibration or pressure spikes may occur. Reference Tubing/Fitting Compatibility Chart (pg. B-5)

## Notes

- Packaged on corrugated plastic reel with ends capped and shipped in a plastic-lined container
- The suggested operating temperature range for service at rated pressures with compatible fluids is -70°F (-57°C) to +200°F (+93°C)
- PAT tubing is rated for full vacuum service at 28 inch Hg

## Colors

- See Color Code Table

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