



PUSH-IN AIR TUBING

Tolerances: Polyurethane $\pm 0.006"$, Nylon & Soft Nylon $\pm 0.004"$

ISO-9001

MANUFACTURED IN A
QUALITY SYSTEM CERTIFIED
FACILITY.

POLYURETHANE TUBING

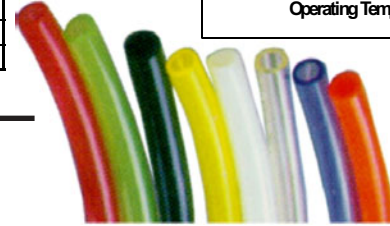
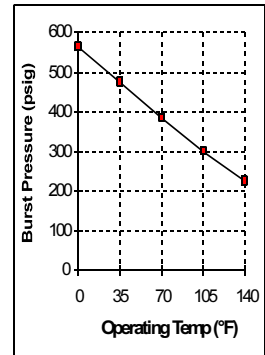
For applications that require high flexibility, non-kinking Polyurethane is the right tube for the job. The choice of OEM's for robots and other automated equipment. For use with fittings that are approved for Polyurethane tubing only, such as SMC One-Touch fittings.

— Add **Color** suffix to part number (see below for color list).

PART NUMBER	TUBE O.D.	TUBE I.D.	MIN. BEND RADIUS	OPERATING PRESSURE	ROLL QTY	PRICE PER ROLL	
						1-2	3+
TUP01-	1/8"	0.079	0.39	115psi @ 70°	66 ft.	\$6.50	\$5.95
TUP03-	5/32"	0.098	0.40	115psi @ 70°	66 ft.	10.40	9.55
TUP07-	1/4"	0.167	0.91	115psi @ 70°	66 ft.	17.20	15.75
TUP11-	3/8"	0.250	1.06	115psi @ 70°	66 ft.	34.00	31.15
TUP13-	1/2"	0.333	1.38	115psi @ 70°	66 ft.	57.25	52.45
TUP0425-	4mm	2.5mm	10mm	115psi @ 70°	66 ft.	9.47	8.88
TUP0604-	6mm	4mm	15mm	115psi @ 70°	66 ft.	24.72	23.17
TUP0805-	8mm	5mm	20mm	115psi @ 70°	66 ft.	26.67	25.00
TUP1065-	10mm	6.5mm	27mm	115psi @ 70°	66 ft.	40.00	37.50
TUP1208-	12mm	8mm	35mm	115psi @ 70°	66 ft.	57.33	53.75

Color Suffix List: • B = Black • W = White • Y = Yellow • BU = Blue • R = Red
• G = Green • YR = Orange

Burst Pressure Characteristics Curves



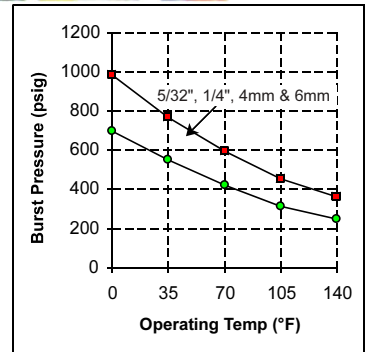
SOFT NYLON TUBING

Soft Nylon combines improved temperature and pressure specifications over Polyurethane, while providing a tube more flexible than Nylon. If you're using Nylon, try substituting Soft Nylon for its increase in workability allowing you to bend more tightly around corners without kinking.

— Add **Color** suffix to part number (see below for color list).

PART NUMBER	TUBE O.D.	TUBE I.D.	MIN. BEND RADIUS	OPERATING PRESSURE	ROLL QTY	PRICE PER ROLL	
						1-2	3+
TUS01-	1/8"	0.086	0.47	145psi @ 70°	66 ft.	\$4.55	\$4.20
TUS03-	5/32"	0.098	0.48	145psi @ 70°	66 ft.	8.45	7.75
TUS07-	1/4"	0.180	0.91	145psi @ 70°	66 ft.	13.80	12.65
TUS11-	3/8"	0.275	1.18	145psi @ 70°	66 ft.	29.30	26.85
TUS13-	1/2"	0.376	1.57	145psi @ 70°	66 ft.	48.05	44.00
TUS0425-	4mm	2.5mm	12mm	145psi @ 70°	66 ft.	8.03	7.53
TUS0604-	6mm	4mm	15mm	145psi @ 70°	66 ft.	15.13	14.19
TUS0806-	8mm	6mm	23mm	145psi @ 70°	66 ft.	22.53	21.13
TUS1075-	10mm	7.5mm	27mm	145psi @ 70°	66 ft.	32.20	30.19
TUS1209-	12mm	9mm	31mm	145psi @ 70°	66 ft.	52.83	49.53

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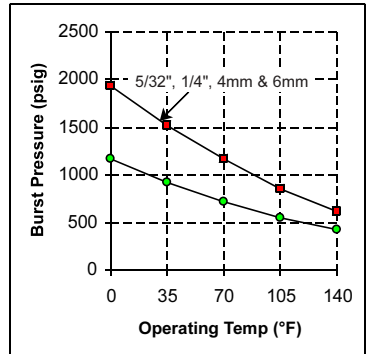
NYLON TUBING

When temperatures and pressures are high there is no substitute for Nylon tubing. At 70°F, SMC Nylon 1/8" tubing provides a burst pressure rating of over 1300 psig, and at 140°F the burst pressure rating is still over 700 psig!

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PART NUMBER	TUBE O.D.	TUBE I.D.	MIN. BEND RADIUS	OPERATING PRESSURE	ROLL QTY	PRICE PER ROLL	
						1-2	3+
TUN01-	1/8"	0.086	0.59	220psi @ 70°	100 ft.	\$11.00	\$10.15
TUN03-	5/32"	0.098	0.60	220psi @ 70°	66 ft.	7.30	6.70
TUN07-	1/4"	0.180	1.18	220psi @ 70°	100 ft.	19.50	18.00
TUN11-	3/8"	0.275	2.36	220psi @ 70°	100 ft.	41.40	38.20
TUN13-	1/2"	0.376	2.95	220psi @ 70°	100 ft.	72.65	67.10
TUN0425-	4mm	2.5mm	13mm	220psi @ 70°	66 ft.	8.03	7.53
TUN0604-	6mm	4mm	24mm	220psi @ 70°	66 ft.	14.53	13.63
TUN0806-	8mm	6mm	48mm	220psi @ 70°	66 ft.	22.53	21.13
TUN1075-	10mm	7.5mm	60mm	220psi @ 70°	66 ft.	34.10	31.97
TUN1209-	12mm	9mm	75mm	220psi @ 70°	66 ft.	47.57	44.59

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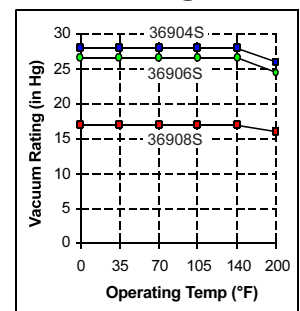
SILICONE TUBING

The most flexible low pressure general purpose tubing. Used where vacuum service and flexibility are important, end of arm tooling for robots, etc. Exceptional minimum bend radius.

PART NUMBER	TUBE O.D.	TUBE I.D.	MIN. BEND RADIUS	VACUUM RATING	ROLL QTY	PRICE PER ROLL	
						1-2	3+
36904-S	4mm	2mm	4mm	28.0 inHg @ 70°	66 ft.	\$19.60	\$18.20
36906-S	6mm	3.5mm	9mm	26.6 inHg @ 70°	66 ft.	\$38.02	\$35.30
36908-S	8mm	5.5mm	18mm	17.0 inHg @ 70°	66 ft.	\$53.46	\$49.64

Stock Color is clear.

Vacuum Rating Curve



POLYETHYLENE TUBING

PART NUMBER	TUBE O.D.	TUBE I.D.	MATERIAL	MIN BURST PSI	ROLL QTY	PRICE PER ROLL
PTP490	5/32"	.106	Polyethylene	400	100ft.	\$5.70
PTP530	1/4"	.170	Polyethylene	400	100ft.	6.23
PTP930	3/8"	.251	Polyethylene	400	100ft.	11.65