

Tubing

Type PU-..., Inch and Metric Series

Polyurethane Tubing

Inch Series, Ester Based

Type PU-...

This tubing is particularly flexible and kink resistant.

Note: Inch Series PU-... tubing is only compatible with Quick Star Inch fittings.

PU-1/8-SW

Material
PU = Polyurethane

Color
BL = Blue
SW = Black

Outside diameter
Inches (for QS inch fittings)



Note:
164 ft / 50 m rolls standard.
Longer tubing lengths are available, contact Festo.

Pressure Range*		28.5 in Hg to 105 psi / -0.95 to 7 bar (PU-1/2 -..., maximum 150 psi / 10 bar)					
Temperature Range		-31 to +140°F / -35 to +60°C					
Hardness		94 Durameter +/-3					
Order Number Part No.	Type	I.D. in	O.D. in	Wall Thickness in	Min. bending radius in / mm	Weight lb/ft / kg/m	Tubing color
9977	PU-1/8-BL	0.085	1/8	0.020	0.70 / 18.0	0.003 / 0.005	blue
7993	PU-1/8-SW						black
158360	PU-5/32-BL	0.096	5/32	0.031		--	blue
8818	PU-3/16-BL						blue
8817	PU-3/16-SW		3/16	0.039	0.80 / 20.0	0.009 / 0.013	black
15276	PU-1/4B-BL	0.150	1/4	0.050	0.90 / 22.0	0.014 / 0.021	blue
15275	PU-1/4B-SW						black
158361	PU-5/16-BL	0.225	5/16	0.044		--	blue
8500	PU-3/8-BL	0.250	3/8	0.062	1.75 / 44.0	0.032 / 0.048	blue
8501	PU-3/8-SW						black
12977	PU-1/2-SW	0.370	1/2	0.062	3.00 / 76.2	--	black

*Maximum pressure is determined at maximum temperature.

Polyurethane Tubing

Metric Series

Type PU-...

This tubing is particularly flexible and kink resistant.

PU-6-SW

Material
PU = Polyurethane

Color
BL = Blue
SW = Black

Inside diameter
Millimeters



Note:
164 ft / 50 m rolls standard.
Longer tubing lengths are available, contact Festo.

Pressure Range		28.5 in Hg / -0.95 bar to maximum pressure					
Temperature Dependent Operating Pressures (Maximum pressure is determined at maximum temperature.)		At -31 to +86°F / -35 to +30°C maximum pressure is 150 psi / 10 bar					
		At +86 to +104°F / +30 to +40°C maximum pressure is 123 psi / 8.5 bar					
		At +104 to 140°F / +40 to +60°C maximum pressure is 94 psi / 6.5 bar					
Order Number Part No.	Type	I.D. mm	O.D. mm	Material	Min. Bending Radius in / mm	Weight lb / kg	Tubing Color
13365	PU-2-BL	2.2	3.2	Polyurethane	0.51 / 13	0.003 / 0.005	blue
13366	PU-2-SW						black
5732	PU-3-BL	2.9	4.3		0.55 / 14	0.006 / 0.009	blue
5731	PU-3-SW						black
6204	PU-4-BL	3.9	6.1		0.79 / 20	0.014 / 0.021	blue
5733	PU-4-SW						black
9159	PU-6-BL	5.9	8.3		1.41 / 36	0.022 / 0.033	blue
6731	PU-6-SW						black
8976	PU-8-BL	8	11		3.30 / 84	0.037 / 0.055	blue
11255	PU-8-SW						black
12134	PU-9-SW	9	11.6	Polyurethane	2.99 / 76	0.034 / 0.051	black
12133	PU-13-SW	13	17.6	with fabric	3.27 / 83	0.094 / 0.14	black