

Polyurethane Tubing PU

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						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						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

Product Range and Company Overview

A Complete Suite of Automation Services

Our experienced engineers provide complete support at every stage of your development process, including: conceptualization, analysis, engineering, design, assembly, documentation, validation, and production.



Custom Automation Components
Complete custom engineered solutions



Custom Control Cabinets
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The Broadest Range of Automation Components

With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



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Electromechanical actuators, motors, controllers & drives



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Pneumatic linear and rotary actuators, valves, and air supply



PLCs and I/O Devices
PLC's, operator interfaces, sensors and I/O devices

Supporting Advanced Automation... As No One Else Can!

Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

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Festo Corporation is committed to supply all Festo products and services that will meet or exceed our customers' requirements in product quality, delivery, customer service and satisfaction.

To meet this commitment, we strive to ensure a consistent, integrated, and systematic approach to management that will meet or exceed the requirements of the ISO 9001 standard for Quality Management and the ISO 14001 standard for Environmental Management.



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