

FESTO

Tubing

Tubing (50 meter rolls)

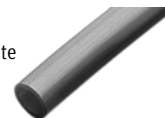
Inch Series, Polyurethane (Ester Based)

Type PUN-...

Highly Flexible and Kink Resistant

Ordering Example:

Material PUN = Polyurethane | **Inch Series** PUN-1/8x1/32-U-SW | **Color** BL = Blue GN = Green SW = Black WS = White
 GE = Yellow RT = Red NT = Clear
Outside Diameter | **Wall Thickness**
 Inches



Technical Data							
Pressure Range	28.5 in Hg / -0.95 bar to maximum pressure						
Temperature Dependent Operating Pressure (Maximum pressure is determined at maximum temperature)	At 68 °F / 20 °C maximum pressure is 150 psi / 10 bar						
	At 104 °F / 40 °C maximum pressure is 75 psi / 5 bar						
	At 140 °F / 60 °C maximum pressure is 48 psi / 3 bar						
Part No.	Type	Tubing Color	Outside Ø inches	Inside Ø inches	Min. Bending Radius in / mm	Weight lb/ft / kg/m	Tubing Roll Lengths*
546578	PUN-1/8x1/32-U-BL	Blue	1/8	1/16	0.200 / 5.00	0.003 / 0.005	164 ft / 50 m
546607	PUN-1/8x1/32-U-GE	Yellow					
546614	PUN-1/8x1/32-U-GN	Green					
546600	PUN-1/8x1/32-U-RT	Red					
546577	PUN-1/8x1/32-U-SW	Black					
546621	PUN-1/8x1/32-U-NT	Clear					
546594	PUN-1/8x1/32-U-WS	White					
546580	PUN-5/32x1/32-U-BL	Blue	5/32	3/32	0.202 / 5.13	-	164 ft / 50 m
546608	PUN-5/32x1/32-U-GE	Yellow					
546615	PUN-5/32x1/32-U-GN	Green					
546601	PUN-5/32x1/32-U-RT	Red					
546579	PUN-5/32x1/32-U-SW	Black					
546622	PUN-5/32x1/32-U-NT	Clear					
546595	PUN-5/32x1/32-U-WS	White					
546582	PUN-3/16x1/32-U-BL	Blue	3/16	1/8	0.339 / 8.61	0.009 / 0.013	164 ft / 50 m
546609	PUN-3/16x1/32-U-GE	Yellow					
546616	PUN-3/16x1/32-U-GN	Green					
546602	PUN-3/16x1/32-U-RT	Red					
546581	PUN-3/16x1/32-U-SW	Black					
546623	PUN-3/16x1/32-U-NT	Clear					
546596	PUN-3/16x1/32-U-WS	White					
546584	PUN-1/4x3/64-U-BL	Blue	1/4	5/32	0.476 / 11.9	0.014 / 0.021	164 ft / 50 m
546610	PUN-1/4x3/64-U-GE	Yellow					
546617	PUN-1/4x3/64-U-GN	Green					
546603	PUN-1/4x3/64-U-RT	Red					
546583	PUN-1/4x3/64-U-SW	Black					
546624	PUN-1/4x3/64-U-NT	Clear					
546591	PUN-1/4x3/64-U-WS	White					
546586	PUN-5/16x1/16-U-BL	Blue	5/16	3/16	0.594 / 15.0	-	164 ft / 50 m
546611	PUN-5/16x1/16-U-GE	Yellow					
546618	PUN-5/16x1/16-U-GN	Green					
546604	PUN-5/16x1/16-U-RT	Red					
546585	PUN-5/16x1/16-U-SW	Black					
546625	PUN-5/16x1/16-U-NT	Clear					
546597	PUN-5/16x1/16-U-WS	White					
546588	PUN-3/8x1/16-U-BL	Blue	3/8	1/4	1.00 / 25.4	0.032 / 0.048	164 ft / 50 m
546612	PUN-3/8x1/16-U-GE	Yellow					
546619	PUN-3/8x1/16-U-GN	Green					
546605	PUN-3/8x1/16-U-RT	Red					
546587	PUN-3/8x1/16-U-SW	Black					
546626	PUN-3/8x1/16-U-NT	Clear					
546592	PUN-3/8x1/16-U-WS	White					
546590	PUN-1/2x3/32-U-BL	Blue	1/2	21/64	1.10 / 27.9	-	164 ft / 50 m
546613	PUN-1/2x3/32-U-GE	Yellow					
546620	PUN-1/2x3/32-U-GN	Green					
546606	PUN-1/2x3/32-U-RT	Red					
546589	PUN-1/2x3/32-U-SW	Black					
546627	PUN-1/2x3/32-U-NT	Clear					
546593	PUN-1/2x3/32-U-WS	White					
546628	PUN-3/16x1/32-U-DUO-BS	Black/Blue	3/16	1/8	0.339 / 8.61	-	164 ft / 50 m
546629	PUN-1/4x3/64-U-DUO-BS	Black/Blue	1/4	5/32	0.476 / 11.9	-	
546630	PUN-3/8x1/16-U-DUO-BS	Black/Blue	3/8	1/4	1.00 / 25.4	-	

* Sold in full rolls only. Additional lengths on request.

Tubing (500, 300, 100 meter rolls)

Inch Series, Polyurethane (Ester Based)

Type PUN-...

Highly Flexible and Kink Resistant

Ordering Example:

Material PUN = Polyurethane | PUN-3/16x1/32-U-DUO-BS | Color BS = Black/Blue
 Outside Diameter | Wall Thickness | Double | Inch series
 Inches



Technical Data

Part No.	Type	Tubing Color	Outside Ø inches	Inside Ø inches	Min. Bending Radius in / mm	Weight lb/ft / kg/m	Tubing Roll Lengths*
Pressure Range		28.5 in Hg / -0.95 bar to maximum pressure					
Temperature Dependent Operating Pressure (Maximum pressure is determined at maximum temperature)		At 68 °F / 20 °C maximum pressure is 150 psi / 10 bar At 104 °F / 40 °C maximum pressure is 75 psi / 5 bar At 140 °F / 60 °C maximum pressure is 48 psi / 3 bar					
546676	PUN-1/8x1/32-U-BL-500	Blue	1/8	1/16	0.200 / 5.00	0.003 / 0.005	1640 ft / 500 m
546649	PUN-1/8x1/32-U-GE-500	Yellow					
546642	PUN-1/8x1/32-U-GN-500	Green					
546638	PUN-1/8x1/32-U-RT-500	Red					
546669	PUN-1/8x1/32-U-SW-500	Black					
546659	PUN-1/8x1/32-U-NT-500	Clear					
546683	PUN-1/8x1/32-U-WS-500	White					
546677	PUN-5/32x1/32-U-BL-500	Blue	5/32	3/32	0.202 / 5.13	-	1640 ft / 500 m
546650	PUN-5/32x1/32-U-GE-500	Yellow					
546643	PUN-5/32x1/32-U-GN-500	Green					
546639	PUN-5/32x1/32-U-RT-500	Red					
546670	PUN-5/32x1/32-U-SW-500	Black					
546660	PUN-5/32x1/32-U-NT-500	Clear					
546684	PUN-5/32x1/32-U-WS-500	White					
546678	PUN-3/16x1/32-U-BL-500	Blue	3/16	1/8	0.339 / 8.61	0.009 / 0.013	1640 ft / 500 m
546651	PUN-3/16x1/32-U-GE-500	Yellow					
546644	PUN-3/16x1/32-U-GN-500	Green					
546640	PUN-3/16x1/32-U-RT-500	Red					
546671	PUN-3/16x1/32-U-SW-500	Black					
546661	PUN-3/16x1/32-U-NY-500	Clear					
546685	PUN-3/16x1/32-U-WS-500	White					
546679	PUN-1/4x3/64-U-BL-300	Blue	1/4	5/32	0.476 / 11.9	0.014 / 0.021	984 ft / 300 m
546652	PUN-1/4x3/64-U-GE-300	Yellow					
546645	PUN-1/4x3/64-U-GN-300	Green					
546641	PUN-1/4x3/64-U-RT-300	Red					
546672	PUN-1/4x3/64-U-SW-300	Black					
546662	PUN-1/4x3/64-U-NT-300	Clear					
546686	PUN-1/4x3/64-U-WS-300	White					
546680	PUN-5/16x1/16-U-BL-300	Blue	5/16	3/16	0.594 / 15.0	-	984 ft / 300 m
546653	PUN-5/16x1/16-U-GE-300	Yellow					
546656	PUN-5/16x1/16-U-GN-300	Green					
546646	PUN-5/16x1/16-U-RT-300	Red					
546673	PUN-5/16x1/16-U-SW-300	Black					
546663	PUN-5/16x1/16-U-NT-300	Clear					
546687	PUN-5/16x1/16-U-WS-300	White					
546681	PUN-3/8x1/16-U-BL-300	Blue	3/8	1/4	1.00 / 25.4	0.032 / 0.048	984 ft / 300 m
546654	PUN-3/8x1/16-U-GE-300	Yellow					
546657	PUN-3/8x1/16-U-GN-300	Green					
546647	PUN-3/8x1/16-U-RT-300	Red					
546674	PUN-3/8x1/16-U-SW-300	Black					
546664	PUN-3/8x1/16-U-NT-300	Clear					
546688	PUN-3/8x1/16-U-WS-300	White					
546682	PUN-1/2x3/32-U-BL-100	Blue	1/2	21/64	1.10 / 27.9	-	328 ft / 100 m
546655	PUN-1/2x3/32-U-GE-100	Yellow					
546658	PUN-1/2x3/32-U-GN-100	Green					
546648	PUN-1/2x3/32-U-RT-100	Red					
546675	PUN-1/2x3/32-U-SW-100	Black					
546665	PUN-1/2x3/32-U-NT-100	Clear					
546689	PUN-1/2x3/32-U-WS-100	White					
546666	PUN-3/16x1/32-U-D-BS-500	Black/Blue	3/16	1/8	0.339 / 8.61	-	1640 ft / 500 m
546667	PUN-1/4x3/64-U-D-BS-300	Black/Blue	1/4	5/32	0.476 / 11.9	-	984 ft / 300 m
546668	PUN-3/8x1/16-U-D-BS-100	Black/Blue	3/8	1/4	1.00 / 25.4	-	328 ft / 100 m

* Sold in full rolls only. Additional lengths on request.

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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
Comprehensive engineering support and on-site services



Complete Systems
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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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Pneumatics
Pneumatic linear and rotary actuators, valves, and air supply



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

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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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Festo North America

United States

Customer Resource Center
502 Earth City Expy., Suite 125
Earth City, MO 63045

For ordering assistance, or to find
your nearest Festo Distributor,

Call: 1.800.99.FESTO

Fax: 1.800.96.FESTO

Email: customer.service@us.festo.com

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Headquarters

Festo Corporation
395 Moreland Road
P.O. Box 18023
Hauppauge, NY 11788
www.festo.com/us

Sales Offices

Appleton

N. 922 Tower View Drive, Suite N
Greenville, WI 54942

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Detroit - Automotive Engineering Center

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Auburn Hills, MI 48326

New York

395 Moreland Road
Hauppauge, NY 11788

Silicon Valley

4935 Southfront Road, Suite F
Livermore, CA 94550

Design and Manufacturing Operations



East: 395 Moreland Road, Hauppauge, NY 11788



Central: 1441 East Business Center Drive, Mt. Prospect, IL 60056



West: 4935 Southfront Road, Suite F, Livermore, CA 94550

Mexico

Headquarters

Festo Pneumatic, S.A.
Av. Ceylán 3, Col. Tequesquahuac
54020 Tlalnepantla, Edo. de México
Call: 011 52 [55] 53 21 66 00
Fax: 011 52 [55] 53 21 66 65
Email: festo.mexico@mx.festo.com
www.festo.com/mx



Canada

Headquarters

Festo Inc.
5300 Explorer Drive
Mississauga, Ontario L4W 5G4
Call: 1.905.624.9000
Fax: 1.905.624.9001
Email: info.ca@ca.festo.com
www.festo.com/ca



Festo Worldwide

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