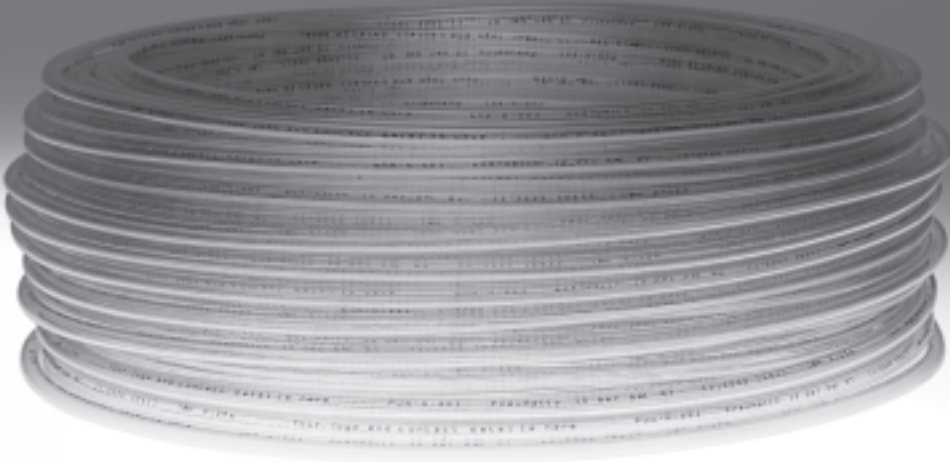



Plastic tubing, standard O.D., NPT



# Plastic tubing, standard O.D., NPT

Product range overview



Version	Type	Outside diameter [inch]	Colour									Operating medium			
			Silver	Blue	Black	Yellow	Green	Red	Brown	White	Natural	Compressed air	Vacuum	Drinking water	
	<b>PEN</b> Polyethylene	$\frac{5}{32}$ , $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$	■	■	■	■	■	■	■	■	■	■	■	■	-
	<b>PLN</b> Polyethylene	$\frac{5}{32}$ , $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$	■	■	■	■	■	■	■	■	■	■	■	■	■
	<b>PUN-H</b> Polyurethane	$\frac{1}{8}$ , $\frac{5}{32}$ , $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$	■	■	■	■	■	■	■	■	■	■	■	■	■

# Plastic tubing, standard O.D., NPT

Product range overview



Type	Suitability for use in the food industry	KTW-A certification for drinking water	W 270 certification for drinking water	Halogen-free	Contact with electric cables	PWIS-free to FN 942 010	Suitable for use with energy chains	Resistance				Flexibility	Shore hardness	→ Page/Internet
								Chemicals	Microbes	UV radiation	Hydrolysis			
PEN	-	-	-	■	■	■	■	++	++	++ <sup>1)</sup>	+++	++	D 52 ±3	6
PLN	■	■	■	■	■	■	-	++	++	++ <sup>1)</sup>	+++	+	D 52 ±3	8
PUN-H	■	-	-	■	■	■	■	+	++	++ <sup>1)</sup>	++	+++	D 52 ±3	11

+++ Highly suitable  
++ Suitable

+ Limited suitability (upon request)  
- Unsuitable

1) Applies to black colour

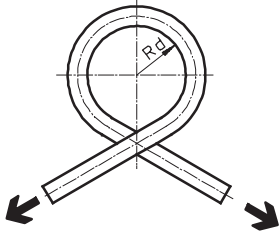
# Plastic tubing, standard O.D., NPT

Technical data

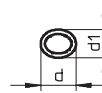
FESTO

## Method of measurement

Bending radius relevant for flow rate  $R_d$



The tubing is bent in the direction of its curvature until a flattening corresponding to 5% of the tubing O.D. occurs.  $R_d$  is then calculated mathematically. The flow rate is not reduced until  $R_d$  is reached.

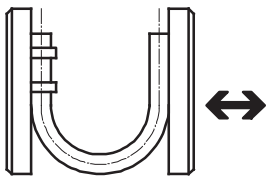


Cross section flattened by bending the tubing.

$d$  = Non-deformed tubing O.D.

$d_1$  = Deformed tubing O.D.

## Minimum bending radius $R_{min}$



The tubing fixed to the base plate is bent until the deformation results in a kink. The measured value is the minimum bending radius  $R_{min}$ . This  $R_{min}$  results in significant reductions in flow rate.

# Plastic tubing, standard O.D., NPT

Type codes

PEN – 3/8 – [ ] – BL – 150 – CB

**Material**

PEN	Polyethylene
PLN	Polyethylene
PUN	Polyurethane

**Approval**

H	Hydrolysis-resistant
---	----------------------

**Outside diameter [inch]**

**Colour**

SW	Black
BL	Blue
GN	Green
RT	Red
WS	White
GE	Yellow
BR	Brown
SI	Silver
NT	Natural

**Packaging unit [feet]**

**Packaging**

CB	Cardboard box
HA	Reel

# Plastic tubing PEN, standard O.D., NPT

Technical data



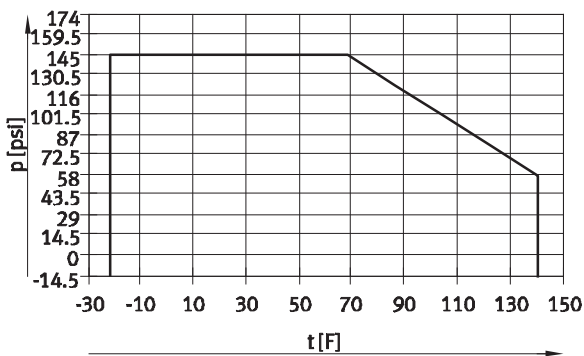
## Plastic tubing PEN

Compressed air tubing made of polyethylene is distinguished by great resistance to chemicals and hydrolysis. It is resistant to most cleaning agents and lubricants.



Operating and environmental conditions		
Temperature dependent operating pressure	[Psi]	-14.4 ... +145 → diagram
Operating medium		Compressed air in accordance with ISO 8573-1:2010 [7:--:-]
Ambient temperature	[°F]	-22 ... +140

### Operating pressure p as a function of temperature t



### Possible fittings



Push-in fitting QS-U, Quick Star  
 → Internet: qs\*-u



Push-in fitting QB-U, Quick Basic  
 → Internet: qb\*-u

Materials	
Shore hardness	D 52 ±3
Tubing	PE
Note on materials	Conforms to RoHS Free of copper and PTFE

Dimensions and ordering data							
Outside diameter	Min. bending radius	Bending radius relevant for flow rate	Weight	Colour	Part No.	Type	PU <sup>1)</sup>
[inch]	[ft]	[ft]	[oz/ft]				[ft]
5/32	0.032	0.065	0.067	Black	569881	PEN-5/32-SW-150-CB	150
				Blue	569889	PEN-5/32-BL-150-CB	150
3/16	0.039	0.075	0.100	Black	569882	PEN-3/16-SW-150-CB	150
				Blue	569890	PEN-3/16-BL-150-CB	150
1/4	0.041	0.085	0.186	Black	569883	PEN-1/4-SW-150-CB	150
				Blue	569891	PEN-1/4-BL-150-CB	150
5/16	0.073	0.114	0.250	Black	569884	PEN-5/16-SW-150-CB	150
				Blue	569892	PEN-5/16-BL-150-CB	150
3/8	0.088	0.131	0.376	Black	569885	PEN-3/8-SW-150-CB	150
				Blue	569893	PEN-3/8-BL-150-CB	150
1/2	0.108	0.196	0.848	Black	569886	PEN-1/2-SW-150-CB	150
				Blue	569894	PEN-1/2-BL-150-CB	150
5/8	0.196	0.410	1.158	Black	569887	PEN-5/8-SW-150-CB	150
				Blue	569895	PEN-5/8-BL-150-CB	150

1) Packaging unit

# Plastic tubing PEN, standard O.D., NPT



Ordering data – Modular product

Ordering table (minimum order quantity 10,000 ft, rounding-off value 50 ft)										
Size	5/32	3/16	1/4	5/16	3/8	1/2	5/8	Conditions	Code	Enter code
<b>[M]</b> Module No.	<b>567448</b>									
Function	Polyethylene tubing, standard O.D., economical								<b>PEN</b>	<b>PEN</b>
Tubing O.D. [inch]	5/32	–	–	–	–	–	–	–	-5/32	
	–	3/16	–	–	–	–	–	–	-3/16	
	–	–	1/4	–	–	–	–	–	-1/4	
	–	–	–	5/16	–	–	–	–	-5/16	
	–	–	–	–	3/8	–	–	–	-3/8	
	–	–	–	–	–	1/2	–	–	-1/2	
	–	–	–	–	–	–	5/8	–	-5/8	
	–	–	–	–	–	–	–	–	–	
Colour	Silver								-SI	
	Blue								-BL	
	Black								-SW	
	Yellow								-GE	
	Green								-GN	
	Red								-RT	
	Brown								-BR	
	White								-WS	
Natural								-NT		
<b>[O]</b> Inscription text (on request)	Standard									
	Customer-specific tubing inscription								<b>[1]</b>	-TXT
<b>[M]</b> Packaging unit [ft]	150									-150
	500									-500
	1,000						–	–		-1000
	1,500				–	–	–	–		-1500
Packaging	Cardboard box								<b>[2]</b>	-CB
	Reel								<b>[3]</b>	-HA

- [1] TXT** Only on request
- [2] CB** Only with packaging unit 150

- [3] HA** Not with packaging unit 150

Transfer order code

# Plastic tubing PLN, standard O.D., NPT

Technical data



## Plastic tubing PLN

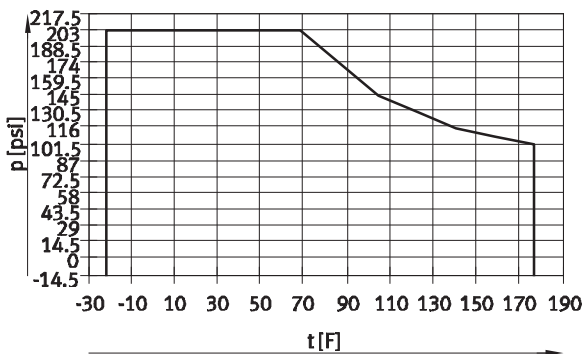
Compressed air tubing made of polyethylene is distinguished by great resistance to chemicals and hydrolysis. It is resistant to most cleaning agents and lubricants.

The tubing is certified for use with drinking water by Germany's Water Technology Centre.



Operating and environmental conditions		
Temperature dependent operating pressure [Psi]		-14.4 ... +203 → diagram
Operating medium		Compressed air in accordance with ISO 8573-1:2010 [7:--:-]
Ambient temperature [°F]		-22 ... +176
Suitability for use in the food industry		As per manufacturer's declaration
Certification		KTW-A certification for drinking water
		W 270 certification for drinking water
Certificate issuing authority		Germany's Water Technology Centre (Technologiezentrum Wasser TZW)

### Operating pressure p as a function of temperature t



### Possible fittings



Push-in fitting QS-U, Quick Star  
→ Internet: qs\*-u



Push-in fitting QB-U, Quick Basic  
→ Internet: qb\*-u

### Materials

Shore hardness	D 52 ±3
Tubing	PE
Note on materials	Conforms to RoHS
	Free of copper and PTFE

### Dimensions and ordering data

Outside diameter [inch]	Min. bending radius [ft]	Bending radius relevant for flow rate [ft]	Weight [oz/ft]	Colour	Part No.	Type	PU <sup>1)</sup> [ft]
3/32	0.039	0.082	0.065	Natural	569897	PLN-3/32-NT-150-CB	150
				Black	569905	PLN-3/32-SW-150-CB	150
				Blue	569913	PLN-3/32-BL-150-CB	150
3/16	0.036	0.095	0.107	Natural	569898	PLN-3/16-NT-150-CB	150
				Black	569906	PLN-3/16-SW-150-CB	150
				Blue	569914	PLN-3/16-BL-150-CB	150

1) Packaging unit



# Plastic tubing PLN, standard O.D., NPT

Technical data

Dimensions and ordering data							
Outside diameter [inch]	Min. bending radius [ft]	Bending radius relevant for flow rate [ft]	Weight [oz/ft]	Colour	Part No.	Type	PU <sup>1)</sup> [ft]
1/4	0.039	0.105	0.180	Natural	569899	PLN-1/4-NT-150-CB	150
					575897	PLN-1/4-NT-500-HA	500
				Black	569907	PLN-1/4-SW-150-CB	150
					575896	PLN-1/4-SW-500-HA	500
				Blue	569915	PLN-1/4-BL-150-CB	150
5/16	0.082	0.164	0.231	Natural	569900	PLN-5/16-NT-150-CB	150
				Black	569908	PLN-5/16-SW-150-CB	150
				Blue	569916	PLN-5/16-BL-150-CB	150
3/8	0.115	0.187	0.403	Natural	569901	PLN-3/8-NT-150-CB	150
				Black	569909	PLN-3/8-SW-150-CB	150
				Blue	569917	PLN-3/8-BL-150-CB	150
1/2	0.138	0.213	0.580	Natural	569902	PLN-1/2-NT-150-CB	150
				Black	569910	PLN-1/2-SW-150-CB	150
				Blue	569918	PLN-1/2-BL-150-CB	150
5/8	0.197	0.311	0.881	Natural	569903	PLN-5/8-NT-150-CB	150
				Black	569911	PLN-5/8-SW-150-CB	150
				Blue	569919	PLN-5/8-BL-150-CB	150

1) Packaging unit

# Plastic tubing PLN, standard O.D., NPT



Ordering data – Modular product

Ordering table (minimum order quantity 10,000 ft, rounding-off value 50 ft)											
Size	5/32	3/16	1/4	5/16	3/8	1/2	5/8	Conditions	Code	Enter code	
<b>M</b> Module No.	<b>567449</b>										
Function	Polyethylene tubing, standard O.D., resistant to cleaning agents (approved for use in the food industry)								<b>PLN</b>	PLN	
Tubing O.D. [inch]	5/32	–	–	–	–	–	–		-5/32		
	–	3/16	–	–	–	–	–		-3/16		
	–	–	1/4	–	–	–	–		-1/4		
	–	–	–	5/16	–	–	–		-5/16		
	–	–	–	–	3/8	–	–		-3/8		
	–	–	–	–	–	1/2	–		-1/2		
	–	–	–	–	–	–	5/8		-5/8		
	–	–	–	–	–	–	–				
Colour	Silver								<b>-SI</b>		
	Blue								<b>-BL</b>		
	Black								<b>-SW</b>		
	Yellow								<b>-GE</b>		
	Green								<b>-GN</b>		
	Red								<b>-RT</b>		
	Brown								<b>-BR</b>		
	White								<b>-WS</b>		
Natural								<b>-NT</b>			
<b>O</b> Inscription text (on request)	Standard										
	Customer-specific tubing inscription							<b>1</b>		<b>-TXT</b>	
<b>M</b> Packaging unit [ft]	150									<b>-150</b>	
	500									<b>-500</b>	
	1,000					–	–		<b>-1000</b>		
	1,500				–	–	–	–	<b>-1500</b>		
	Packaging	Cardboard box							<b>2</b>		<b>-CB</b>
Reel							<b>3</b>		<b>-HA</b>		

- 1** **TXT** Only on request
- 2** **CB** Only with packaging unit 150

- 3** **HA** Not with packaging unit 150

Transfer order code

# Plastic tubing PUN-H, standard O.D., hydrolysis-resistant, NPT

Technical data

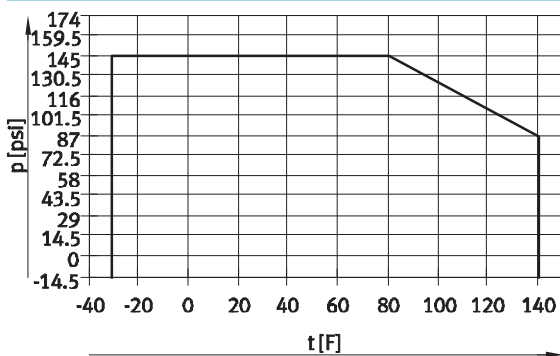
## Plastic tubing PUN-H

Approved for use in the food industry.



Operating and environmental conditions		
Temperature dependent operating pressure	[Psi]	-14.4 ... +145 → diagram
Operating medium		Compressed air in accordance with ISO 8573-1:2010 [7:-:-]
Suitability for use in the food industry		As per manufacturer's declaration
Ambient temperature	[°F]	-31 ... +145

### Operating pressure p as a function of temperature t



### Possible fittings



Push-in fitting QS-U,  
Quick Star

→ Internet: qs\*-u



Push-in fitting QB-U,  
Quick Basic

→ Internet: qb\*-u

Materials	
Shore hardness	D 52 ±3
Tubing	TPE-U(PU)
Note on materials	Conforms to RoHS
	Free of copper and PTFE

Dimensions and ordering data							
Outside diameter	Min. bending radius	Bending radius relevant for flow rate	Weight	Colour	Part No.	Type	PU <sup>1)</sup>
[inch]	[ft]	[ft]	[oz/ft]				[ft]
1/8	0.020	0.039	0.060	Silver	567937	PUN-H-1/8-SI-150-CB	150
				Blue	567945	PUN-H-1/8-BL-150-CB	150
				Black	567953	PUN-H-1/8-SW-150-CB	150
				Natural	567961	PUN-H-1/8-NT-150-CB	150
				Yellow	567969	PUN-H-1/8-GE-150-CB	150
				Green	567977	PUN-H-1/8-GN-150-CB	150
				Red	567985	PUN-H-1/8-RT-150-CB	150
				Brown	567993	PUN-H-1/8-BR-150-CB	150
				White	568001	PUN-H-1/8-WE-150-CB	150

1) Packaging unit

# Plastic tubing PUN-H, standard O.D., hydrolysis-resistant, NPT



Technical data

Dimensions and ordering data							
Outside diameter	Min. bending radius	Bending radius relevant for flow rate	Weight	Colour	Part No.	Type	PU <sup>1)</sup>
[inch]	[ft]	[ft]	[oz/ft]				[ft]
5/32	0.020	0.052	0.090	Silver	567938	PUN-H-5/32-SI-150-CB	150
				Silver	568009	PUN-H-5/32-SI-500-HA	500
				Blue	567946	PUN-H-5/32-BL-150-CB	150
				Blue	568013	PUN-H-5/32-BL-500-HA	500
				Black	567954	PUN-H-5/32-SW-150-CB	150
				Black	568017	PUN-H-5/32-SW-500-HA	500
				Natural	567962	PUN-H-5/32-NT-150-CB	150
				Natural	8003125	PUN-H-5/32-NT-500-HA	500
				Yellow	567970	PUN-H-5/32-GE-150-CB	150
				Green	567978	PUN-H-5/32-GN-150-CB	150
				Red	567986	PUN-H-5/32-RT-150-CB	150
				Brown	567994	PUN-H-5/32-BR-150-CB	150
				White	568002	PUN-H-5/32-WE-150-CB	150
3/16	0.025	0.069	0.130	Silver	567939	PUN-H-3/16-SI-150-CB	150
				Blue	567947	PUN-H-3/16-BL-150-CB	150
				Black	567955	PUN-H-3/16-SW-150-CB	150
				Natural	567963	PUN-H-3/16-NT-150-CB	150
				Yellow	567971	PUN-H-3/16-GE-150-CB	150
				Green	567979	PUN-H-3/16-GN-150-CB	150
				Red	567987	PUN-H-3/16-RT-150-CB	150
				Brown	567995	PUN-H-3/16-BR-150-CB	150
				White	568003	PUN-H-3/16-WE-150-CB	150
				1/4	0.032	0.085	0.230
Silver	568010	PUN-H-1/4-SI-500-HA	500				
Blue	567948	PUN-H-1/4-BL-150-CB	150				
Blue	568014	PUN-H-1/4-BL-500-HA	500				
Blue	568021	PUN-H-1/4-BL-1000-HA	1000				
Black	567956	PUN-H-1/4-SW-150-CB	150				
Black	568018	PUN-H-1/4-SW-500-HA	500				
Black	568023	PUN-H-1/4-SW-1000-HA	1000				
Natural	567964	PUN-H-1/4-NT-150-CB	150				
Natural	8003126	PUN-H-1/4-NT-500-HA	500				
Yellow	567972	PUN-H-1/4-GE-150-CB	150				
Green	567980	PUN-H-1/4-GN-150-CB	150				
Red	567988	PUN-H-1/4-RT-150-CB	150				
Brown	567996	PUN-H-1/4-BR-150-CB	150				
White	568804	PUN-H-1/4-WE-150-CB	150				
5/16	0.065	0.121	0.310	Silver	567941	PUN-H-5/16-SI-150-CB	150
				Silver	568011	PUN-H-5/16-SI-500-HA	500
				Blue	567949	PUN-H-5/16-BL-150-CB	150
				Blue	568015	PUN-H-5/16-BL-500-HA	500
				Blue	568022	PUN-H-5/16-BL-1000-HA	1000
				Black	567957	PUN-H-5/16-SW-150-CB	150
				Black	568019	PUN-H-5/16-SW-500-HA	500
				Black	568024	PUN-H-5/16-SW-1000-HA	1000
				Natural	567965	PUN-H-5/16-NT-150-CB	150
				Natural	8003127	PUN-H-5/16-NT-500-HA	500
				Yellow	567973	PUN-H-5/16-GE-150-CB	150
				Green	567981	PUN-H-5/16-GN-150-CB	150
				Red	567989	PUN-H-5/16-RT-150-CB	150
				Brown	567997	PUN-H-5/16-BR-150-CB	150
				White	568005	PUN-H-5/16-WE-150-CB	150

1) Packaging unit

# Plastic tubing PUN-H, standard O.D., hydrolysis-resistant, NPT

Technical data

Dimensions and ordering data							
Outside diameter	Min. bending radius	Bending radius relevant for flow rate	Weight	Colour	Part No.	Type	PU <sup>1)</sup>
[inch]	[ft]	[ft]	[oz/ft]				[ft]
3/8	0.081	0.171	0.480	Silver	567942	PUN-H-3/8-SI-150-CB	150
				Silver	568012	PUN-H-3/8-SI-500-HA	500
				Blue	567950	PUN-H-3/8-BL-150-CB	150
				Blue	568016	PUN-H-3/8-BL-500-HA	500
				Black	567958	PUN-H-3/8-SW-150-CB	150
				Black	568020	PUN-H-3/8-SW-500-HA	500
				Natural	567966	PUN-H-3/8-NT-150-CB	150
				Natural	8003128	PUN-H-3/8-NT-500-HA	500
				Yellow	567974	PUN-H-3/8-GE-150-CB	150
				Green	567982	PUN-H-3/8-GN-150-CB	150
				Red	567990	PUN-H-3/8-RT-150-CB	150
				Brown	567998	PUN-H-3/8-BR-150-CB	150
White	568006	PUN-H-3/8-WE-150-CB	150				
1/2	0.075	0.204	0.880	Silver	567943	PUN-H-1/2-SI-150-CB	150
				Blue	567951	PUN-H-1/2-BL-150-CB	150
				Black	567959	PUN-H-1/2-SW-150-CB	150
				Natural	567967	PUN-H-1/2-NT-150-CB	150
				Yellow	567975	PUN-H-1/2-GE-150-CB	150
				Green	567983	PUN-H-1/2-GN-150-CB	150
				Red	567991	PUN-H-1/2-RT-150-CB	150
				Brown	567999	PUN-H-1/2-BR-150-CB	150
				White	568007	PUN-H-1/2-WE-150-CB	150
5/8	0.125	0.288	1.380	Silver	567944	PUN-H-5/8-SI-150-CB	150
				Blue	567952	PUN-H-5/8-BL-150-CB	150
				Black	567960	PUN-H-5/8-SW-150-CB	150
				Natural	567968	PUN-H-5/8-NT-150-CB	150
				Yellow	567976	PUN-H-5/8-GE-150-CB	150
				Green	567984	PUN-H-5/8-GN-150-CB	150
				Red	567992	PUN-H-5/8-RT-150-CB	150
				Brown	568000	PUN-H-5/8-BR-150-CB	150
White	568008	PUN-H-5/8-WE-150-CB	150				

1) Packaging unit

# Plastic tubing PUN-H, standard O.D., hydrolysis-resistant, NPT



Ordering data – Modular product

Ordering table (minimum order quantity 10,000 ft, rounding-off value 50 ft)											
Size	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8	Conditions	Code	Enter code
<b>M</b> Module No.	<b>567446</b>										
Function	Polyurethane tubing, standard O.D.									<b>PUN</b>	PUN
Alternative material characteristic	Hydrolysis-resistant									<b>-H</b>	
<b>M</b> Tubing O.D. [inch]	1/8	–	–	–	–	–	–	–		<b>-1/8</b>	
	–	5/32	–	–	–	–	–	–		<b>-5/32</b>	
	–	–	3/16	–	–	–	–	–		<b>-3/16</b>	
	–	–	–	1/4	–	–	–	–		<b>-1/4</b>	
	–	–	–	–	5/16	–	–	–		<b>-5/16</b>	
	–	–	–	–	–	3/8	–	–		<b>-3/8</b>	
	–	–	–	–	–	–	1/2	–		<b>-1/2</b>	
	–	–	–	–	–	–	–	5/8		<b>-5/8</b>	
Colour	Silver									<b>-SI</b>	
	Blue									<b>-BL</b>	
	Black									<b>-SW</b>	
	Yellow									<b>-GE</b>	
	Green									<b>-GN</b>	
	Red									<b>-RT</b>	
	Brown									<b>-BR</b>	
	White									<b>-WS</b>	
	Natural								<b>4</b>	<b>-NT</b>	
<b>O</b> Inscription text (on request)	Standard										
	Customer-specific tubing inscription								<b>1</b>	<b>-TXT</b>	
<b>M</b> Packaging unit [ft]	150									<b>-150</b>	
	500									<b>-500</b>	
	1,000						–	–		<b>-1000</b>	
	1,500					–	–	–		<b>-1500</b>	
Packaging	Cardboard box								<b>2</b>	<b>-CB</b>	
	Reel								<b>3</b>	<b>-HA</b>	

- 1** **TXT** Only on request
- 2** **CB** Only with packaging unit 150

- 3** **HA** Not with packaging unit 150
- 4** **NT** Only with alternative material characteristic H

Transfer order code

# 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**  
Comprehensive engineering support and on-site services



**Complete Systems**  
Shipment, stocking and storage services

## 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.



**Electromechanical**  
Electromechanical actuators, motors, controllers & drives



**Pneumatics**  
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.

## Quality Assurance, ISO 9001 and ISO 14001 Certifications

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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# Festo North America

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**Email:** [customer.service@us.festo.com](mailto:customer.service@us.festo.com)

For technical support,

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Slovakia Slovenia South Africa South Korea Spain Sweden Switzerland Taiwan Thailand Turkey Ukraine United States Venezuela

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