

## Spiral plastic tubing PUN-SG

**FESTO**



### Characteristics

#### At a glance

Pre-assembled plastic tubing with rotatable threaded outlets for supplying compressed air tools.

- Polyurethane, nickel-plated brass, polyacetal
- Pre-assembled with non-detachable rotatable fittings
- Operating medium: compressed air, vacuum
- Highly resistant to microbes and hydrolysis

#### Diagrams

Further information → [pun-sg](#)



The diagrams shown in this document are also available online. These can be used to display precise values.

#### Pipe/tubing O.D. x wall thickness

For this spiral tubing, the outside diameter of the tubing and the wall thickness are specified as the tubing size.

#### Design

Extremely flexible and largely hydrolysis-resistant pneumatic tubing with fabric insert.

#### Working length [m]

The working length is 80% of the maximum permissible extension.

## Type code

001	Series
PUN	Plastic tubing, polyurethane
002	Pipe/tubing outside diameter [mm]
10	10
12	12
003	Design
SG	Spiral with fabric

004	Working length [m]
2,4	2.4
4,8	4.8
6	6
005	Colour
BL	Blue
006	Pneumatic connection
1/4	Male thread G1/4
3/8	Male thread G3/8

## Datasheet

## General technical data

Outside diameter	9.5	11.7
Pneumatic connection, port 1	Male thread G1/4	Male thread G3/8
Pneumatic connection, port 2	Male thread G1/4	Male thread G3/8
Nominal torque	11 Nm	12.5 Nm
Tolerance for nominal tightening torque	± 20%	

## Tube geometry

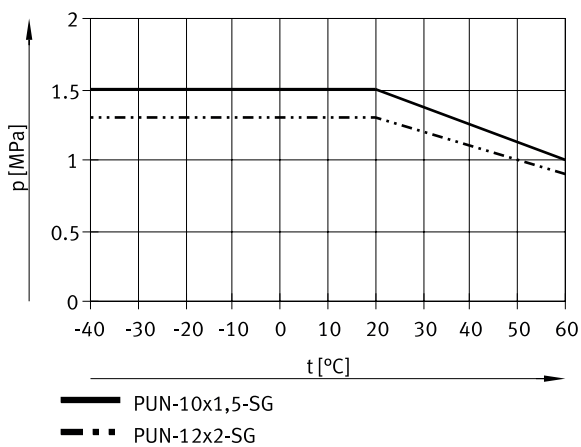
Outside diameter	9.5	11.7			
Working length	2.4	4.8	6	4.8	6
Inside diameter	6.4	7.9			
Winding diameter	42 mm	51 mm			
Number of turns	21	50	66	41	53

## Operating and environmental conditions

Temperature-dependent operating pressure	-0.95 ... 15 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Ambient temperature	-40 ... 60°C
Corrosion resistance class CRC <sup>1)</sup>	1 - Low corrosion stress

1) More information: [www.festo.com/x/topic/crc](http://www.festo.com/x/topic/crc)

## Operating pressure p as a function of temperature t



## Materials

Shore hardness	A 87 +/- 3
Material tubing	TPE-U(PU)
Material connecting thread	Brass, Nickel-plated
Material buckling protection	POM
Colour	Blue
LABS (PWIS) conformity <sup>1)</sup>	VDMA24364-B1/B2-L

1) Applies to PUN-H with O.D. 3 ... 16 mm and PUN-H-DUO

## Ordering data

Ordering data						
	Outside diameter	Working length	Block length	Product weight	Part no.	Type
	9.5 mm	2.4 m	0.889 m	180 g	533463	PUN-10X1,5-SG-2,4-BL-1/4
		4.8 m	1.165 m	340 g	533464	PUN-10X1,5-SG-4,8-BL-1/4
		6 m	1.317 m	430 g	533465	PUN-10X1,5-SG-6-BL-1/4
	11.7 mm	4.8 m	1.172 m	480 g	533466	PUN-12X2-SG-4,8-BL-3/8
		6 m	1.312 m	560 g	533467	PUN-12X2-SG-6-BL-3/8