

# Spiral tubing PUN-S

**FESTO**



## Dimensionally stable

**Extremely flexible during use, unsurpassed elasticity and unbeatable return force. Available as PUN-S with straight outlets for motion sequences in machines and as either single or duo tubing. Or as a pre-assembled solution PUN-SG with rotatable threaded outlets for supplying compressed air tools.**

### Stays in shape

High reset capability - ideal as a replacement for chain link tubing in motion sequences.

### Long service life

Reliable in use with exactly the same resistances as the proven tubing PUN. Fibre-reinforced version PUN-SG for use in harsh environments.

### Plug and work!

Pre-assembled variants PUN-SG mean compressed air tools can be coupled with the minimum of assembly effort.

### Flexibility in selection and use

Wide range of different working lengths, connection sizes and colours; with standard inside and outside diameters.



Flexible compressed air supply,

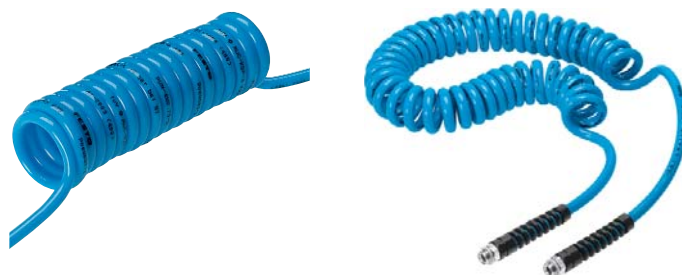
dimensionally stable,

fits perfectly!

**404.1.PSI** →

Product Short Information

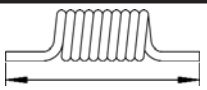
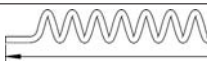
# Spiral tubing PUN-S



## Technical data

Features	Spiral tubing PUN-S	Spiral tubing PUN-SG, pre-assembled
<b>Material</b>		
Sheath	Polyurethane	Polyurethane
Calibration	Internal and external	External
<b>Design</b>		
Nominal size [mm]	4, 6, 8, 10, 12	10, 12
Colours	Blue, black	Blue
Optional as duo tubing	Yes	No
Working length [m]	0.5 / 1 / 1.5 / 2 / 6	2.4 / 4.8 / 6
Threaded outlets	-	G 1/4, G3/8
<b>Scope of application</b>		
Operating pressure at 20°C [bar]	-0.95 ... 10	-0.95 ... 10
Operating temperature [°C]	-35 ... 80	-40 ... 60
<b>Resistance and suitability*</b>		
Resistant to chemicals	+	+
Hydrolysis resistant	+	+
Antistatic	-	-
Resistant to inflammation	-	-
Food industry approval	-	-
Media	Compressed air, vacuum	Compressed air, vacuum
<b>Other</b>		
Area of application:	To realize motion sequences with the required return, e.g. in machines as a substitute for chain link trunking.	For flexible compressed air supply, e.g. to compressed air tools or air guns.
Special features:	Halogen-free, free of paintwetting impairment substances, TÜV approved	

\* +++ highly suitable    ++ suitable    + suitable with reservations    - unsuitable

Spiral tubes - Lengths		
Block length		Without tensile load
Working length		With tensile load, 80.% of the maximum section length

### Note on working length

The working length is 80 % of the maximum permissible expansion. This maximum expansion is the limit value before permanent deformation takes place.

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