# Plastic tubing PUN-CM





### Plastic tubing PUN-CM

# Characteristics

### At a glance

Provides maximum protection for electric and electronic components while offering the proven reliability of the standard tubing PUN.

- Polyurethane
- Plastic tubing, antistatic, electrically conductive
- Suitable for energy chains
- Operating medium: compressed air, vacuum

### Ordering data - modular system



Configurable product

This product and all its product options can be ordered online via the configurator.

#### Diagrams

Further information  $\rightarrow$  pun-cm



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

#### Alternative material characteristic

[CM] Antistatic

For applications with electric and electronic components.

#### Tubing outside diameter

For standard O.D. tubing, the outside diameter of the tube and the wall thickness are given as the tube size.

### Packaging unit [m]

Standard: 50 m

Type code

001	Series					
PUN	Plastic tubing, polyurethane					
002	Alternative material characteristic					
СМ	Antistatic					

003	Tubing outside diameter					
12	12 mm					
4	4 mm					
6	6 mm					
8	8 mm					
10	10 mm					
I						
004	Colour					
SW	Black					

# Plastic tubing PUN-CM

# Datasheet

# Operating and environmental conditions

operating and environmental conditions						
Outside diameter	4 mm	6 mm	8 mm 10 mm		12 mm	
Inside diameter	2.5 mm	4 mm	5.5 mm	7 mm	8 mm	
Pneumatic connection	For push-in connector O.D.	For push-in connector O.D. For push-in connector O.D.		For push-in connector O.D.	For push-in connector out-	
	4 mm	6 mm	8 mm	10 mm	side diameter of 12 mm	
Flow-relevant bending radius	17 mm	28 mm	37 mm	60 mm	70 mm	
Min. bending radius	8 mm 14 mm 20 mm 30 mm					
Temperature-dependent oper-	-0.095 1 MPa					
ating pressure						
Temperature-dependent oper-	-0.95 10 bar					
ating pressure						
Temperature-dependent oper-	-13.775 145 psi					
ating pressure						
Operating medium	Compressed air to ISO 8573-1:2010 [7:]					
Ambient temperature	-35 60°C					
Surface resistance	0.01 10 MOhm					
Tubing characteristics	Suitable for energy chains					

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



### Materials

Shore hardness	D 52 +/-3				
Material tubing	TPE-U(PU)				
Note on materials	RoHS-compliant				
LABS (PWIS) conformity	VDMA24364-B2-L				

# Ordering data

# Ordering data

	Outside diameter	Packaging unit [m] <sup>1)</sup>	Product weight according to length	Colour	Part no.	Туре
	4 mm	50 m	0.01 kg/m	Black	188882	PUN-CM-4-SW
	6 mm		0.021 kg/m	]	188883	PUN-CM-6-SW
	8 mm	Standard	0.035 kg/m		130816	PUN-CM-8-SW
	10 mm		0.052 kg/m		130817	PUN-CM-10-SW
	12 mm		0.081 kg/m		130818	PUN-CM-12-SW
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1) Standard: 50 m

### Ordering information – Modular product system

Short type code	Part no.	Туре
PUN, PUN-CM, PUN-H, PUN-VO, PUN-VO-C	553573	PUN