



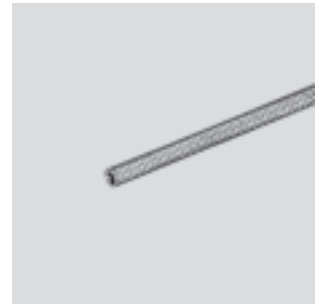
# Plastic-coated metal tube PM

Technical data


## Plastic-coated metal tube PM

The tube PM has the corrosion resistance of plastic and the deformation resistance of metal. It can be bent straight and reshaped several times without a pipe-bending device and without being damaged.

-  - Ambient temperature  
-29 ... +65 °C
-  - Temperature-dependent operating pressure  
-0.95 ... +30 bar



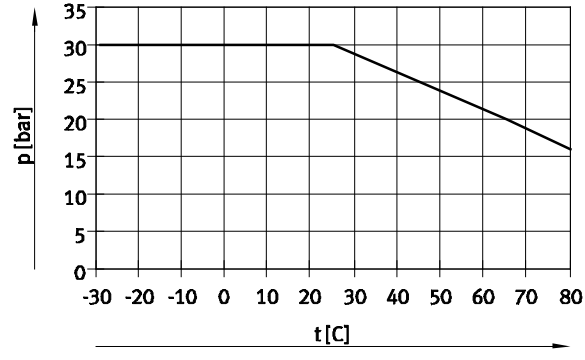
Operating and environmental conditions		
Temperature-dependent operating pressure	[bar]	-0.95 ... +30 → graph
Operating medium		Compressed air according to ISO 8573-1:2010 [7:-:-]
Ambient temperature	[°C]	-29 ... +65

-  - Note

The plastic-coated metal tube PM is printed with "10 bar at RT". This specification of the maximum operating pressure at room temperature (RT) is based on using the tube in combination with a push-in fitting from Festo.

When using a push-in fitting, the bending radius must be followed by a straight piece of tube with a length of approx. 20 mm.

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



### Possible fittings



Push-in fitting QS, Quick Star<sup>1)</sup>  
→ Internet: qs

### Accessories



Pipe/tubing cutter ZRS  
→ Internet: tools

1) Note the operating range of the push-in fittings

### Materials

Housing	Wrought aluminium alloy, PE
Note on materials	RoHS-compliant Free of copper and PTFE

### Dimensions and ordering data

O.D.	I.D.	Bending radius relevant for flow rate	Weight	Colour	Part No.	Type	PU <sup>1)</sup>
[mm]	[mm]	[mm]	[kg/m]				[m]
6	3.92	19	0.024	Black	9084	PM-4	50
8	5.2	25	0.032	Black	9087	PM-6	50

1) Packaging unit