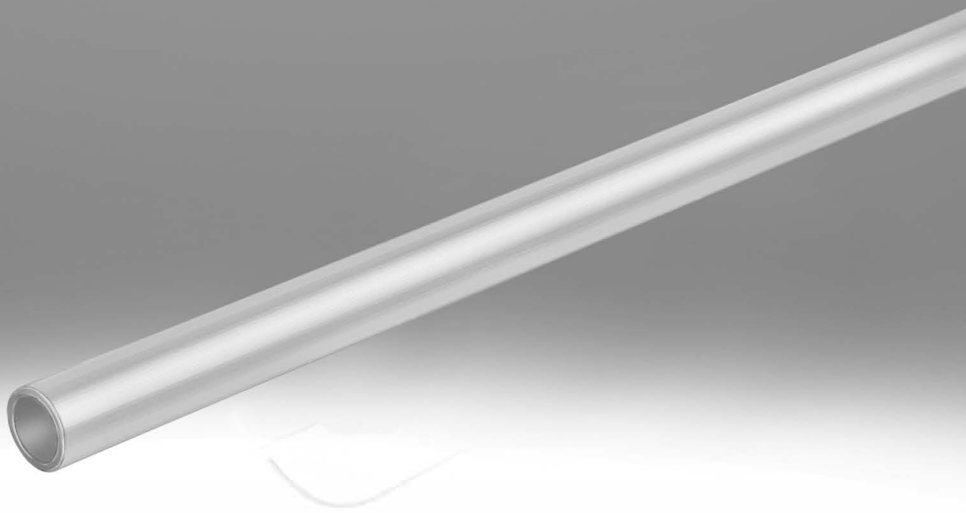


Pipe PQ-AL

**FESTO**



## Characteristics

### At a glance

Rigid aluminium pipe.

- Corrosion-resistant
- Smooth inside wall ensures optimum flow conditions
- Operating media compressed air, vacuum, liquid media
- Can be combined with push-in fitting CQ

### Diagrams

Link [pq-al](#)



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

## Type code

001	Series
PQ	Pipe

002	Material
AL	Wrought aluminium alloy

003	Pipe/tubing O.D. x wall thickness
12x1	12x1 mm
15x1	15x1 mm
18x1	18x1 mm
22x1	22x1 mm
28x1,5	28x1.5 mm

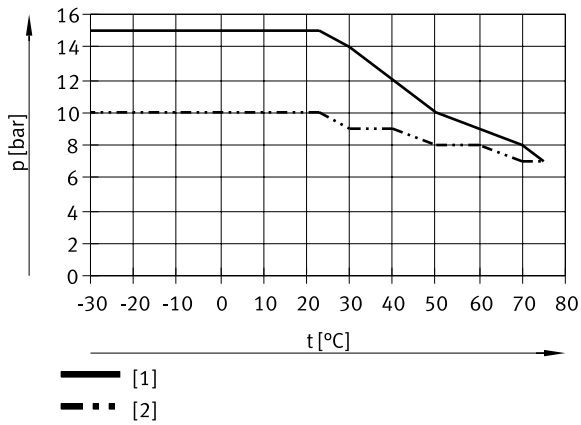
004	Length
3000	3000 mm

## Datasheet

## Operating and environmental conditions

Temperature-dependent operating pressure	-0.95 ... 15 bar
Ambient temperature	-30 ... 75°C
Media temperature	-25 ... 75°C

## Operating pressure p as a function of temperature t



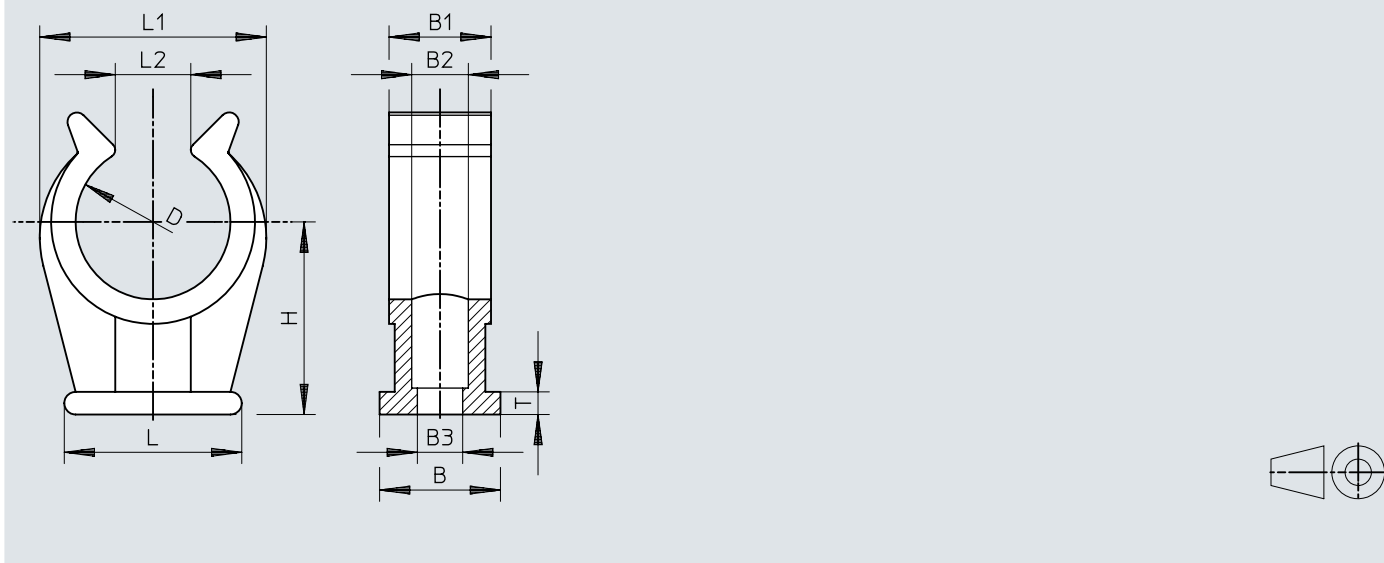
- [1] Outside diameter 12 to 22  
 [2] Outside diameter 28

## Materials

Material tubing	Wrought aluminium alloy
Colour	Silver
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L


## Dimensions

## Dimensions – Pipe clamp PQ-RK...-B

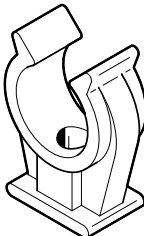
Download CAD data [www.festo.com](http://www.festo.com)

	D	B	B1	B2 ∅	B3 ∅	T	H	L	L1	L2
PQ-RK-12-B	11,5	16,5	14	7,5	6	3	17,8	17,5	20	9
PQ-RK-15-B	15	16	14	7,5	6	3	17,5	22,5	23	10
PQ-RK-18-B	17	16	14	7,5	6	3	23,5	22,5	25	10
PQ-RK-22-B	20,5	16	14	7,5	6	3	25,2	23,5	30	10
PQ-RK-28-B	27,8	16	14	7,5	6	3	32,5	26	39	15

## Ordering data

Ordering data						
	Outside diameter	Inside diameter	Product weight according to length	Length	Part no.	Type
	12 mm	10 mm	0.093 kg/m	3000 mm	<b>177732</b>	<b>PQ-AL-12X1X3000</b>
	15 mm	13 mm	0.119 kg/m		<b>177733</b>	<b>PQ-AL-15X1X3000</b>
	18 mm	16 mm	0.144 kg/m		<b>177734</b>	<b>PQ-AL-18X1X3000</b>
	22 mm	20 mm	0.178 kg/m		<b>177735</b>	<b>PQ-AL-22X1X3000</b>
	28 mm	25 mm	0.337 kg/m		<b>194593</b>	<b>PQ-AL-28X1,5X3000</b>

## Accessories

Pipe clamp PQ-RK...-B						
	Nominal size	Size of pack	LABS (PWIS) con- formity	Product weight	Part no.	Type
	12 mm	10	VDMA24364-B1/ B2-L	2.4 g	550595	PQ-RK-12-B
	15 mm			3.2 g	550596	PQ-RK-15-B
	18 mm			4 g	550597	PQ-RK-18-B
	22 mm			5.1 g	550598	PQ-RK-22-B
	25 mm	1		8.4 g	550599	PQ-RK-28-B