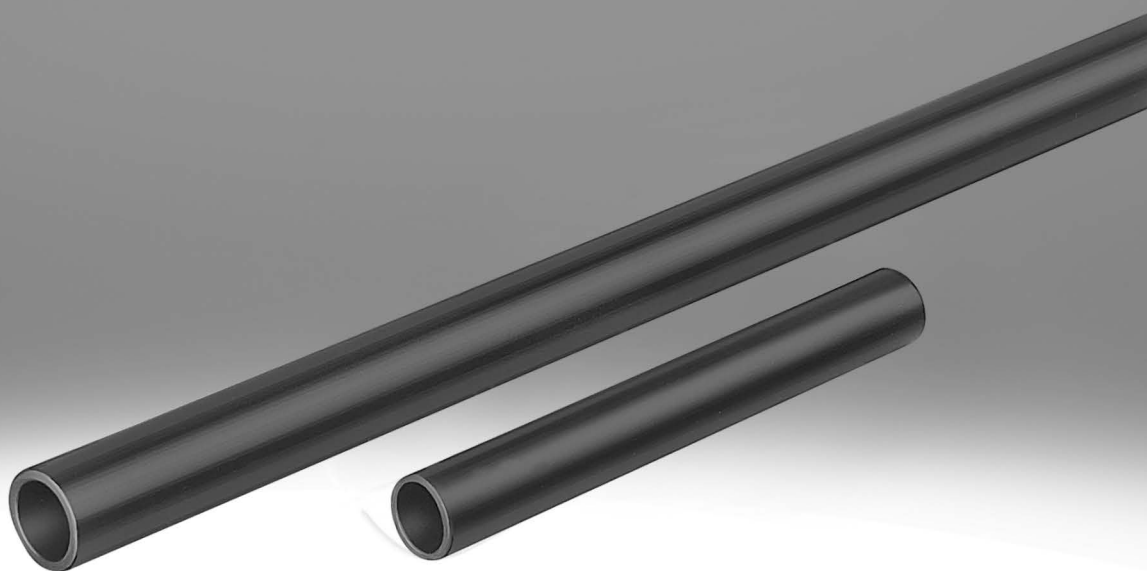


## Plastic piping PQ-PA

**FESTO**



## Characteristics

### At a glance

Rigid pipe made from high-quality polyamide.

- Corrosion-resistant, flexible, maintenance-free
- 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-pa](#)



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
PA	Polyamide

003	Pipe/tubing O.D. x wall thickness
12x1,5	12x1.5 mm
15x1,5	15x1.5 mm
18x2	18x2 mm
22x2	22x2 mm
28x2,5	28x2.5 mm

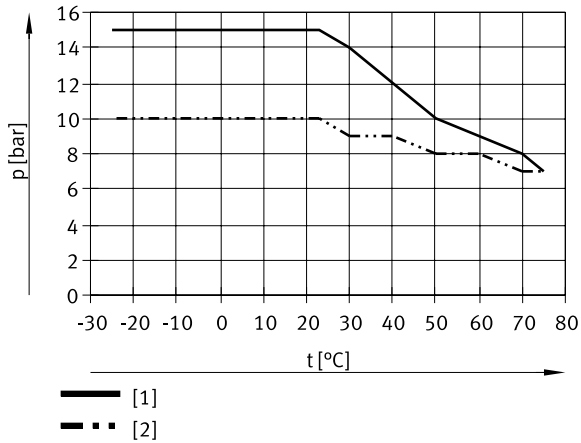
004	Length
3000	3000 mm

## Datasheet

### Operating and environmental conditions

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

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



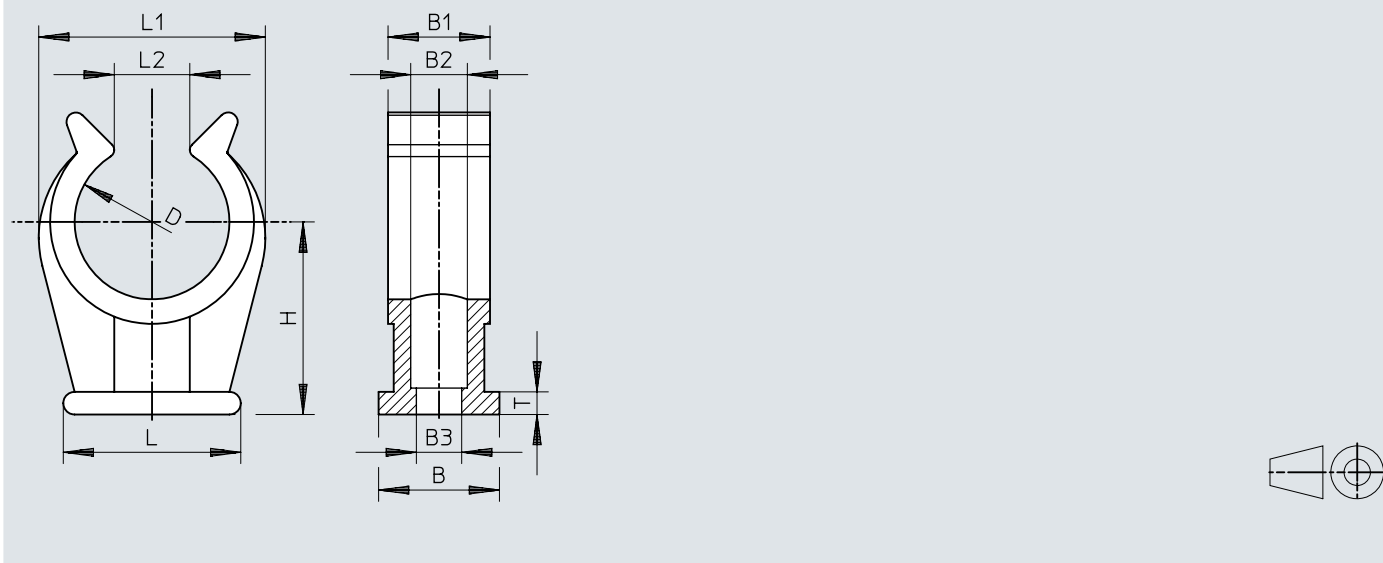
- [1] Outside diameter 12 to 22
- [2] Outside diameter 28

### Materials

Material tubing	PA
Colour	Black
LABS (PWIS) conformity	VDMA24364-B1/B2-L


## Dimensions

## Dimensions – Pipe clamp PQ-RK...-B


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

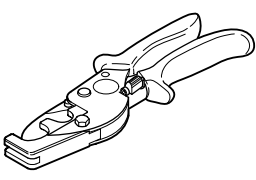
	D	B	B1	B2 ∅	B3 ∅	T	H	L	L1	L2
PQ-RK-12-B	11,5	16,5	14	7,5	6	3	17,8	17,5	20	9
PQ-RK-15-B	15	16	14	7,5	6	3	17,5	22,5	23	10
PQ-RK-18-B	17	16	14	7,5	6	3	23,5	22,5	25	10
PQ-RK-22-B	20,5	16	14	7,5	6	3	25,2	23,5	30	10
PQ-RK-28-B	27,8	16	14	7,5	6	3	32,5	26	39	15

## Ordering data

Ordering data						
	Outside diameter	Inside diameter	Product weight according to length	Length	Part no.	Type
	12 mm	9 mm	0.051 kg/m	3000 mm	<b>177728</b>	<b>PQ-PA-12X1,5X3000</b>
	15 mm	12 mm	0.065 kg/m		<b>177729</b>	<b>PQ-PA-15X1,5X3000</b>
	18 mm	14 mm	0.103 kg/m		<b>177730</b>	<b>PQ-PA-18X2X3000</b>
	22 mm	18 mm	0.13 kg/m		<b>177731</b>	<b>PQ-PA-22X2X3000</b>
	28 mm	23 mm	0.204 kg/m		<b>194594</b>	<b>PQ-PA-28X2,5X3000</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

Pipe cutter ZR					
	Size	Size of pack	Product weight	Part no.	Type
	For tubing O.D. 12 - 28 mm	1	361 g	194592	ZR