

# Square ventilation duct profiles

## PQ



### Description

The PQ profile is made of galvanized steel sheet and used to join square ducts. They are installed on the bare end of the duct and fitting. Depending on dimensions and pressure in the duct, we use profiles in three dimensions.

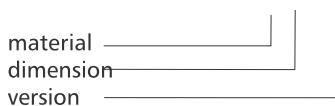
**Packaging:** Sections with the length of 5 running metres are packed into packages consisting of 500 running metres, sections with the length of 3 running metres are packed into packages consisting of 300 running metres.

#### Available materials - marking example

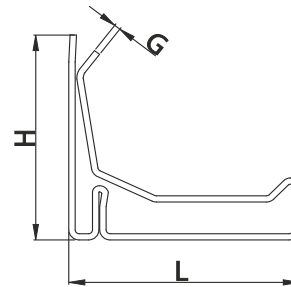
- PQ-...-...-...- galvanized sheet
- PQ-...-...-...-K - 1.4301 / 304 stainless sheet
- PQ-...-...-...-K-316L - 1.4404 / 316L stainless steel with molybdenum
- PQ-...-...-...-A - AW-1050A H24 aluminium sheet

#### Marking example

Product code: **PQ-C-20-ECO**



### Dimensions



PQ profile

Type	Height H [mm]	Width L [mm]	Thickness G [mm]
PQ-C-20	25	20	0,7
PQ-C-30	25	30	0,8
PQ-C-40	30	40	0,9

PQ-C-20-ECO	25	20	0,6
PQ-C-30-ECO	25	30	0,7
PQ-C-40-ECO	30	40	0,8

PQ-K-20*	25	20	0,6
PQ-K-30*	25	30	0,6
PQ-K-40*	30	40	0,7

\* supplies in grade 1.4301 as per EN 10088

PQ-A-20**	25	20	0,7
PQ-A-30**	25	30	0,8
PQ-A-40**	30	40	0,9

\* supplies in grade 1050A as per PN-EN 573-3

Pressure [Pa]	duct dimension $a \times a$ or $a \times b$				
	< 500 [mm]	500-1000 [mm]	1001-1600 [mm]	1601-2500 [mm]	2501 [mm]
200	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
400	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
600	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
800	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
1000	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
1200	PQ 20	PQ 30	PQ 30	PQ 40	PQ 40
1500	PQ 20	PQ 30	PQ 30	PQ 40	PQ 40

# Square ventilation duct profiles - class C

## PQ-...-SIL



### Description

The PQ profile is made of galvanized steel sheet and used to join square ducts.

They are installed on the bare end of the duct and fitting. Depending on dimensions and pressure in the duct, we use profiles in three dimensions.

The profile is provided with the sealing which is intended, in particular, for ventilation ducts. The range of working temperatures for the insulation is -30°C to +140°C. Moreover, the insulating putty is ageing-resistant, features good surface adhesion, mechanical stability and acts as an anti-corrosive layer.

**Packaging:** Sections with the length of 5 running metres are packed into packages consisting of 500 running metres, sections with the length of 3 running metres are packed into packages consisting of 300 running metres. The PQ-...-SIL profile facilitates the maintenance of leak-tightness C in square ducts

#### Available materials - marking example

PQ-...-... -...- galvanized sheet

PQ-...-... -...-K - 1.4301 / 304 acid-resistant sheet

PQ-...-... -...-K-316L - 1.4404 / 316L acid-resistant sheet with molybdenum

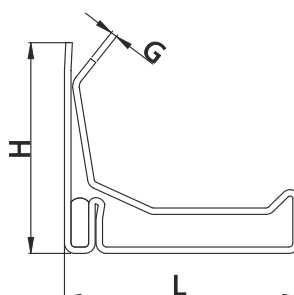
PQ-...-... -...-A - AW-1050A H24 aluminium sheet

#### Marking example

Product code: **PQ-C-20-ECO-SIL**

material \_\_\_\_\_  
 dimension \_\_\_\_\_  
 version \_\_\_\_\_  
 sealing \_\_\_\_\_

### Dimensions



Type	Height H [mm]	Width L [mm]	Thickness G [mm]
PQ-C-20-SIL	25	20	0,7
PQ-C-30-SIL	25	30	0,8
PQ-C-40-SIL	30	40	0,9
PQ-C-20-ECO-SIL	25	20	0,6
PQ-C-30-ECO-SIL	25	30	0,7
PQ-C-40-ECO-SIL	30	40	0,8
PQ-K-20-SIL*	25	20	0,6
PQ-K-30-SIL*	25	30	0,6
PQ-K-40-SIL*	30	40	0,7

\* supplies in grade 1.4301 as per EN 10088

PQ-A-20-SIL**	25	20	0,7
PQ-A-30-SIL**	25	30	0,8
PQ-A-40-SIL**	30	40	0,9

\*\* supplies in grade 1050A as per PN-EN 573-3

Pressure [Pa]	duct dimension $a \times a$ or $a \times b$				
	< 500 [mm]	500-1000 [mm]	1001-1600 [mm]	1601-2500 [mm]	2501 [mm]
200	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
400	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
600	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
800	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
1000	PQ 20	PQ 20	PQ 30	PQ 30	PQ 40
1200	PQ 20	PQ 30	PQ 30	PQ 40	PQ 40
1500	PQ 20	PQ 30	PQ 30	PQ 40	PQ 40

## Square ventilation duct profiles - class ☒C☒

**PQ-...-SIL**

Sealing characteristics SIL :Application temperature: from -30°C to +140°C

Dropping point: 190°C

Anti-corrosion properties: resistant to corrosion

Viscosity in 40°C: 90 mm<sup>2</sup>/s

Solubility in water: not soluble

Penetration after kneading: 250-270 mm

Resistance to oxidation: 0.06 Mpa

Greases oil bleeding

at 100°C within 30h: not more than 1.5%

Composition: Mixture of base mineral oils of paraffin type thickened with calcium soap and polymer with refining additives.

The product does not cause hazardous chemical reactions in use conditions. According to Directive 1999/45 on the product classification - it is not classified as hazardous.

## *First aid measures*

### **General instructions**

In each of the cases of proceedings given below, if disorders do not cease, call a physician immediately or take the victim to hospital and show the product packaging or label. If the victim is unconscious, do not administer anything orally and lay them on the side in the recovery position. Keep the victim at rest, control their breath and pulse. If the victim is conscious, do not give them milk, fat or alcohol. In each detailed case, act as described below.

### **After inhalation**

If the harmful effect of vapours on the victim is observed, remove them from the place at risk to fresh air. Remove contaminated clothing. Keep the victim warm and at rest (cover them with blankets). Control their breath and pulse. If any disturbances in breathing are present, administer oxygen. If breathing stops, apply artificial breathing by means of the AMBU mask, after the prior cleaning of the mouth of any foreign bodies and mucus. If it becomes necessary, apply cardiac massage.

### **In the case of skin contact**

Remove contaminated clothing. The place of contact, and if necessary, the whole body, must be thoroughly cleaned with water and soap unless there are any burns caused by hot products. Do not use any organic solvents such as kerosene, light distillates or petrol for cleaning. In the event that a hot product is in contact with the skin, the burnt site must be immersed in cold water immediately or put it under the stream of cold running water for at least 10 minutes. If, under pressure, the product got into subcutaneous tissues, give medical aid to the victim immediately.

### **After eye contact**

Remove contact lenses immediately and wash with plenty of water for at least 15 minutes (with eyelids wide open). In the case of contamination of only one eye, protect the other one against contamination while washing. Avoid strong stream of water due to the risk of damage to cornea.

Warning! Persons exposed to eye contamination should be instructed about the necessity and method of their immediate rinsing.