



# Silencers

Standard and to  
customer specification

**KÖPP**   
experts in foam

**Noise endangers health. In the area of occupational safety, noise reduction is therefore an important task. With our VYON® and GURON® materials, we make a significant contribution here, because of their porous structure they enable sound attenuation of up to 30 dBA.**

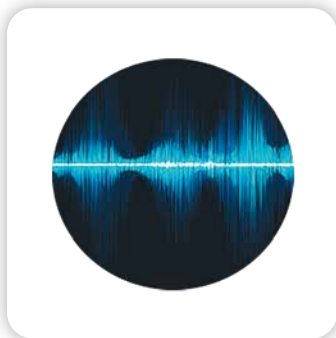
KÖPP has a wide range of standard silencers, which have proven their worth for decades. They are successfully used in many automation systems.

If our standard portfolio does not offer what you are looking for then we will be happy to develop your individual solution exactly according to your wishes. We also take special requests into account like antistatic properties for example, and develop your special silencers accordingly. Do you process food? We can also supply

you with silencers made from FDA-approved raw materials made to your specifications. Another advantage: At the customer's request we can also produce silencers in small quantities.

## Application examples:

- ▶ **Standard silencers** for pneumatic systems with BSP thread or tube connection
- ▶ **Silencing of diaphragm pumps**
- ▶ **Noise reduction in electrical appliances**
- ▶ **Silencing for electric motors** (e.g. lawn mowers, chain saws, electric tools)



**AVAILABLE  
FROM STOCK**

Noise level before (left) and after silencing with KÖPP silencer  
Right picture: Push-in silencer

# Specifications and additional Information

## Materials

**Sintered body:** Vyon® – sintered porous HDPE

**Adapter:** Injection moulded HDPE solid material, RoHS and REACH compliant

## Installation

M5/BSP thread or  
Push-in connection

## Maximum working pressure

10 bar (150 psi)

## Noise reduction

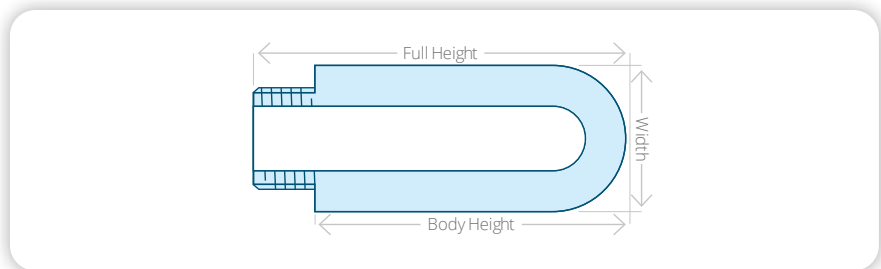
Up to 30dBA

## Operating temperature

From -70°C to +80°C

## Dimensions – Threaded

Part Number	Connection	Body Colour	Width (mm)	Body Height (mm)	Full Height (mm)
114716	M5	White	6.50	17.50	21.50
49115	BSP 1/8"	Grey	12.85	27.80	34.50
49116	BSP 1/4"	Grey	16.60	35.70	42.60
49117	BSP 3/8"	Grey	24.40	57.40	67.50
49118	BSP 1/2"	Grey	24.80	68.00	78.50
49119	BSP 3/4"	Grey	37.60	124.80	139.80
49120	BSP 1"	Grey	47.80	135.50	154.00



## Advantages and benefits

### ▶ Significant noise reduction

Up to 30 dBA (roughly equivalent to the difference between an underground train and a normal conversation)

### ▶ Easy installation

Our silencers are available with M5 , BSP & Push-in connections. They fit directly and must always match the size of the exhaust port.

### ▶ Minimal flow loss

Effectively zero in a vast number of applications.

### ▶ Minimal maintenance costs

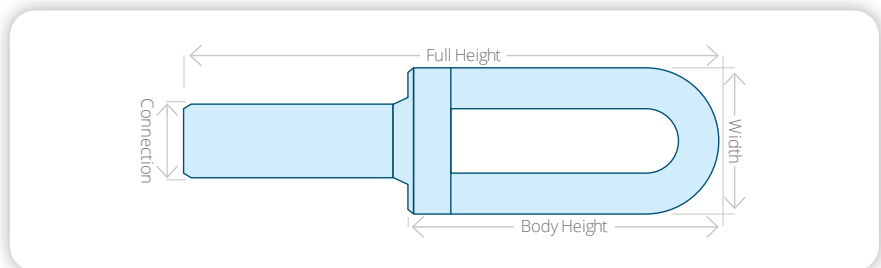
Elements can be cleaned and reused, reducing replacement and maintenance costs.

### ▶ Maintenance free

Unaffected by water or oil. Silencers should not be allowed to become blocked or blinded with debris.

## Dimensions – Push-in

Part Number	Connection (mm)	Body Colour	Width (mm)	Body Height (mm)	Full Height (mm)
60525-1	4.00	White	7.00	16.00	32.00
60526-1	6.00	Grey	12.50	24.50	45.00
60527-1	8.00	Grey	13.50	22.00	43.50
60528-1	10.00	Grey	15.50	31.00	57.50
60529-1	12.00	Grey	18.50	53.00	82.00



## Do you have any questions?

We look forward to receiving your e-mail at [filter@koepp.de](mailto:filter@koepp.de)

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