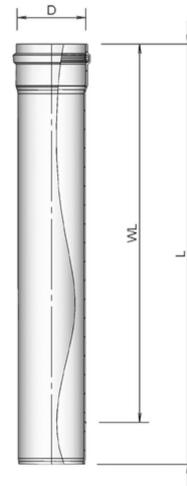


## General information

### Alu-fix Extension AL 80 L=500



## Specifications

|                                   |                               |
|-----------------------------------|-------------------------------|
| Article number                    | 400451532                     |
| Material flue duct                | Aluminium                     |
| Quality class flue duct           | EN 573-3: 2019; EN AW-Al MgSi |
| Wall thickness flue duct nom (mm) | 1,5                           |
| Material seal flue duct           | Silicone Blue                 |
| Colour                            | Material own colour           |
| Weight (kg)                       | 0,6                           |

## Dimensions

|                                 |               |
|---------------------------------|---------------|
| Diameter flue duct nom (mm)     | 80            |
| Outer dimensions (l x w x h mm) | 500 x 91 x 91 |

## Application Insights

|                |                         |
|----------------|-------------------------|
| Intended use   | Discharge of flue gases |
| Location class | For indoor use only     |

## Technical Specifications

---

|  |                                   |
|--|-----------------------------------|
| Declaration of performance                           | 001-MG-ALU DoP                    |
| Harmonized standard                                  | EN 1856-1: 2009                   |
| System according to DoP                              | 0.1                               |
| CE Marking   | T200 P1 W V1 L10/11/13 150<br>O30 |
| ζF Flue duct   | 0,2                               |
| Thermal resistance flue duct<br>(m <sup>2</sup> K/W) | 0                                 |
| Roughness value flue duct (m)                        | 0,001                             |
| Equivalent length (m)                                | 0,5                               |
| Other specifications                                 | -                                 |

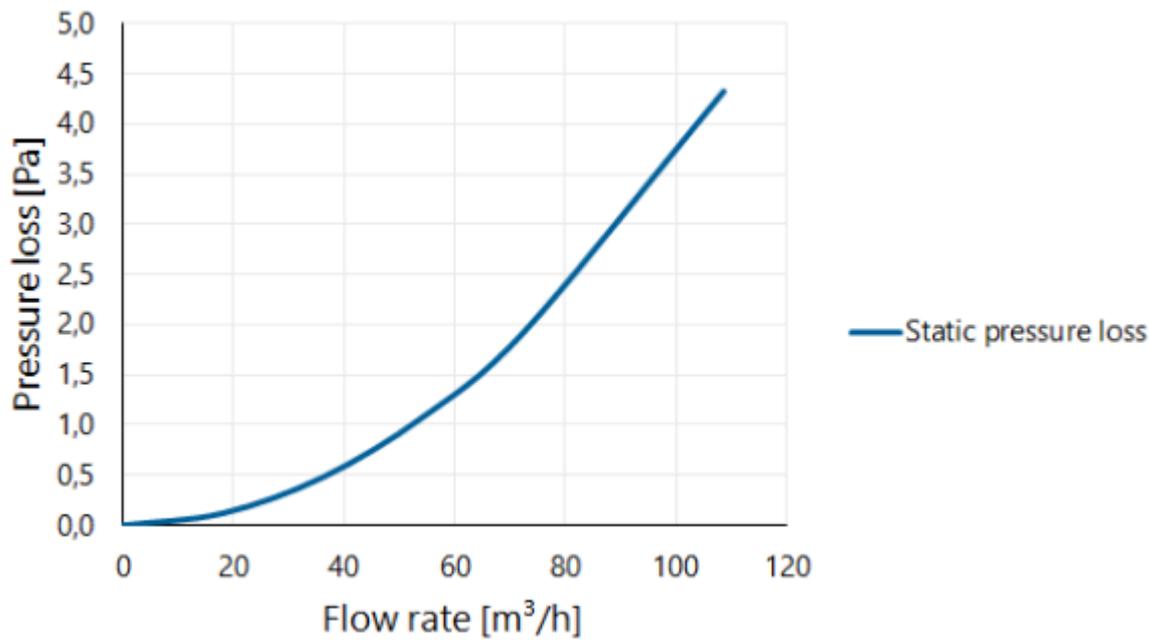
## Mounting and installation

---

Always install according to the national regulations. For safe installation, consult the installation and associated mounting instructions, see [Burgerhout.com](http://Burgerhout.com).

## Graph

Pressure loss versus flow rate



## Table

Flow rate versus pressure loss

| Flow rate |        |       | Static<br>pressure loss<br>[Pa] |
|-----------|--------|-------|---------------------------------|
| [m/s]     | [m³/h] | [l/s] |                                 |
| 0         | 0      | 0     | 0,0                             |
| 1         | 18     | 5     | 0,1                             |
| 2         | 36     | 10    | 0,5                             |
| 3         | 54     | 15    | 1,1                             |
| 4         | 72     | 20    | 1,9                             |
| 6         | 109    | 30    | 4,3                             |