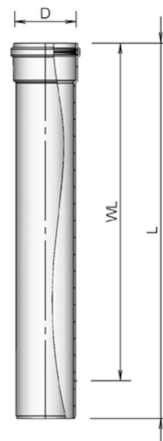


## General information

### Twinline Extension PP 100 L=500



## Specifications

|                                   |                 |
|-----------------------------------|-----------------|
| Article number                    | 400452132       |
| Material flue duct                | Plastic         |
| Quality class flue duct           | PP              |
| Wall thickness flue duct nom (mm) | 2,1             |
| Material seal flue duct           | EPDM            |
| Colour                            | Gray (RAL 7040) |
| Weight (kg)                       | 0,32            |

## Dimensions

|                                 |                 |
|---------------------------------|-----------------|
| Diameter flue duct nom (mm)     | 100             |
| Outer dimensions (l x w x h mm) | 500 x 110 x 110 |

## Application Insights

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

## Technical Specifications

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|                                                      |                           |
|------------------------------------------------------|---------------------------|
| Declaration of performance                           | 001-MG-PP DoP             |
| Harmonized standard                                  | EN 14471: 2013 + A1: 2015 |
| System according to DoP                              | 0,1                       |
| CE Marking                                           | T120 H1 W2 O30 LI E U     |
| ζF Flue duct                                         | 0,13                      |
| 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                                 | -                         |

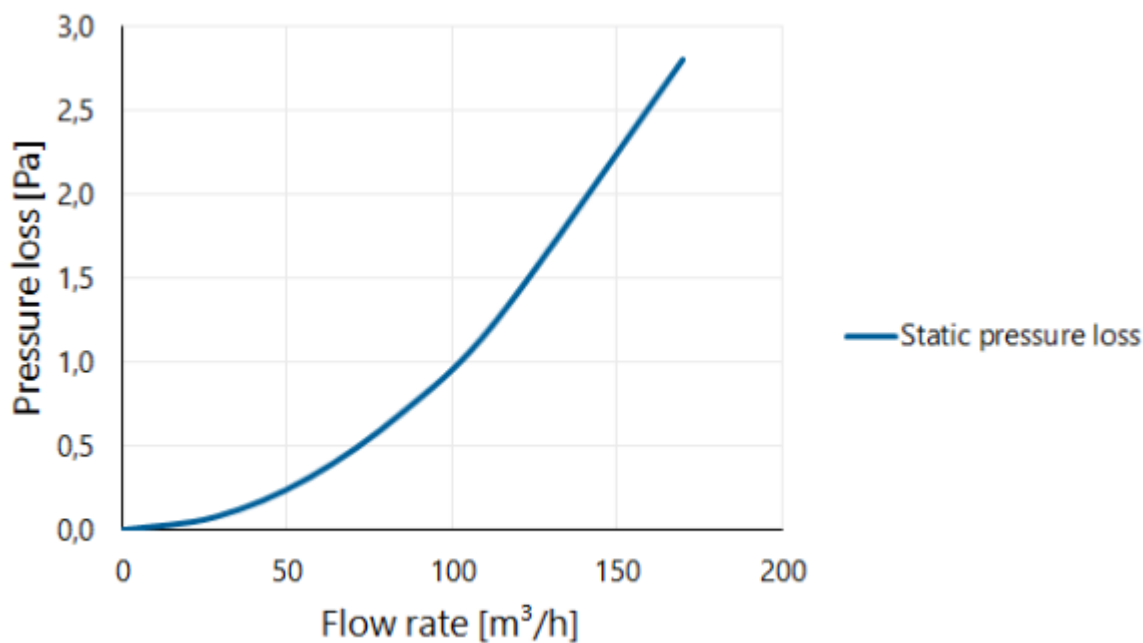
## Mounting and installation

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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         | 28     | 8     | 0,1                             |
| 2         | 57     | 16    | 0,3                             |
| 3         | 85     | 24    | 0,7                             |
| 4         | 113    | 31    | 1,2                             |
| 6         | 170    | 47    | 2,8                             |