

Ventilation ducts made of 15 mm thick EPP

# EPP-15-SRGL



## Description

Round ventilation duct made of expanded polypropylene (EPP). The most important features of the product are: rigid construction, low weight, easy assembly (integrated male-female coupling) and good thermal insulation. EPP ducts, used, for example, as sections of the supply and exhaust ventilation systems with heat recovery, do not require additional insulation. The system eliminates the formation of thermal bridges.

Lenght EPP ducts: 1 m sections  
Diameters: 125, 160 and 200 mm.  
Wall thickness: 15 mm

Thermal conductivity: 0.038 W / m\*K  
Airtightness class: ATC2 (D) @ 90Pa  
acc. to PN-EN 17192:2019-01

### Available materials:

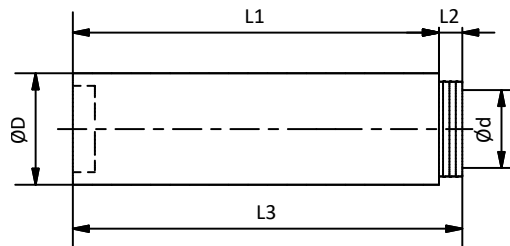
EPP-15-SRGL-...- EPP (expanded polypropylene)

### Product code example:

Product code: **EPP-15-SRGL - 160 - 0100**

type \_\_\_\_\_  
diameter \_\_\_\_\_  
lenght \_\_\_\_\_

## Dimensions



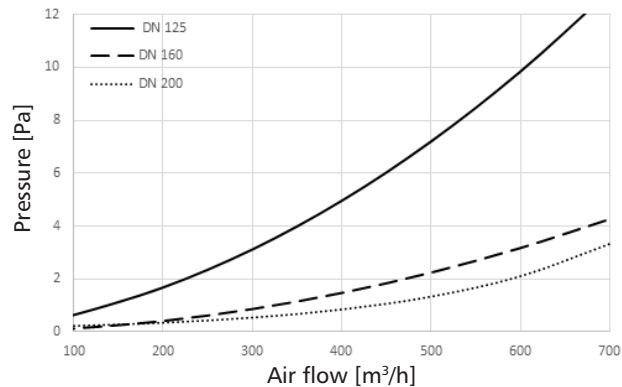
| Code                 | Ød<br>[mm] | ØD<br>[mm] | L <sub>1</sub><br>[mm] | L <sub>2</sub><br>[mm] | L <sub>3</sub><br>[mm] |
|----------------------|------------|------------|------------------------|------------------------|------------------------|
| EPP-15-SRGL-125-0100 | 125        | 155        | 950                    | 50                     | 1000                   |
| EPP-15-SRGL-160-0100 | 160        | 190        | 950                    | 50                     | 1000                   |
| EPP-15-SRGL-200-0100 | 200        | 230        | 950                    | 50                     | 1000                   |

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## EPP-15-SRGL

### Technical data

Pressure loss drops of EPP-15 pipes of different diameters



Technical data according to PN-EN 17192 15 mm

|                      |                                                     |                                |
|----------------------|-----------------------------------------------------|--------------------------------|
| Air tightness        | ATC2 (D) ≤ 90 Pa<br>ATC3 (C) ≤ 900 Pa               |                                |
| Service temperature  | -25°C do +80°C                                      | PN-EN 17192:2019               |
| Reaction to fire     | D-s3,d2 (DN 125)<br>E (DN 160,200)                  | 190                            |
| Resistance           | No deformation at<br>3% deflection and<br>35 N load | 230                            |
| Thermal conductivity | $\lambda = 0,038 \text{ W/(m}\cdot\text{k)}$        | PN-EN 12664:2002               |
| Thermal resistance   | $U = 0,3947 \text{ m}^2\text{K/W}$                  | PN-EN 12664:2002               |
| Microbial resistance | 1a                                                  | Method A PN-EN<br>ISO 846:2019 |

### Assembly method

