

## FLEXIBLE DUCTS VENTIFLEX VTX-DN 75 CONSTRUCTION TECHNOLOGY



Elastic ducts from PE for construction technologies

### Scope of application

VENTIFLEX ducts are designed for the construction of mechanical ventilation systems, so-called distributor ducts. Due to their enlarged internal diameter, they can pass up to 40 m<sup>3</sup>/h of air silently.

These ducts can also be used to distribute cool air from a Ground-Therm GWC ground heat exchanger, as well as to distribute warm air, for example, for fireplace heating via a special heating system.

Thanks to their small diameters, the ducts can be completely concealed in the floor under the screed, under plaster in frame construction, or in wall chases. Due to their high perimeter stiffness, they can also be cast in ceilings, for example, in filigree ceilings.

### Dimensions

Outer diameter - 77 mm  
 Inner diameter - 68 mm  
 Minimum bend radius - 1D

### Resistance to external pressure

Resistance to external pressure 137,2 N  
 Pkt. 5.6 of Norm PN-EN 17192

### Type of duct

Composite duct, double layer

### Material

High-quality PE polyethylene (no recycled content added). Bactericidal and antistatic inner layer with added micro-silver, PZH certified: B.BK.60112.0278.2022

### Pollution

Only new, top-quality materials are used, without regrinding or recycling. PE is classified as a safe substance for health reasons and toxicologically harmless in accordance with Directive 1999/45/EC.

### Operating temperature

Min. - 20 C degree / Max. 70 C degree  
 Pkt. 5.4 of Norm PN-EN 17192

### Pipe length

50m flexible ring products.  
 The duct ends are sealed with caps to prevent contamination.

### Color

Outer duct: beige  
 Inner duct: white

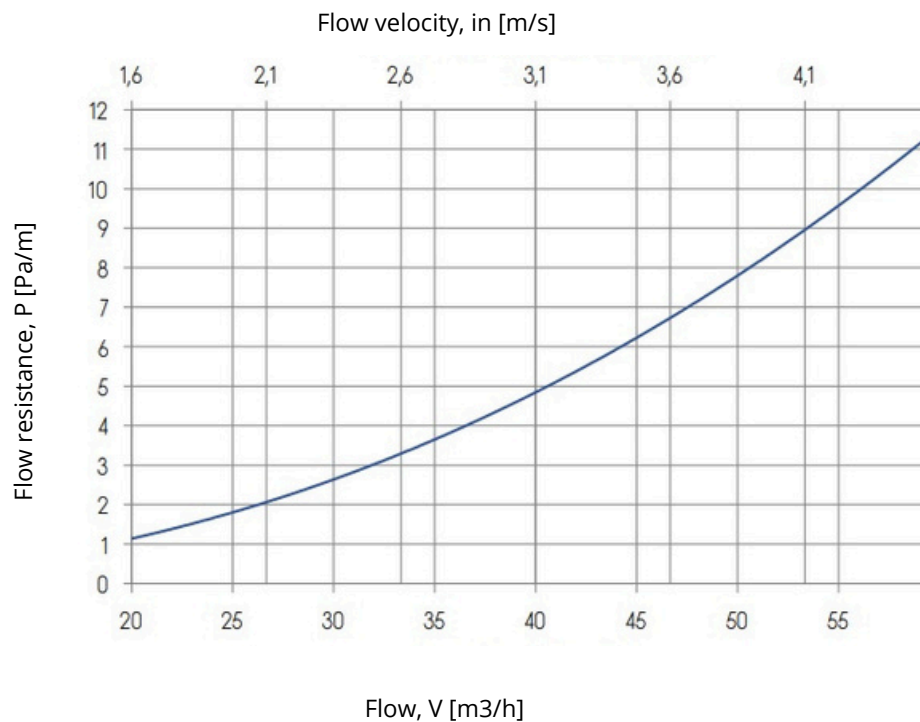
### Storage

For products packaged in black bags (UV stabilized), outdoor storage is possible for up to 12 months.

### National technical specification

7a. Polish Product Norm: PN-EN 17192:2029-01

<b>Tightness</b>	Class : ATC 3 Pkt. 5.2 od Norm PN-EN 17192
<b>Reaction to fire</b>	Class: E Pkt. 5.5 of Norm PN-EN 17192, PN-EN 13501-1
<b>Microbiological activity</b>	The sample demonstrates antibacterial activity against the reference bacterial strains used: Escherichia coli R=2,09 and Staphylococcus aureus R=4,57 Pkt. 5.8 of Norm PN-EN 18192, ISO 22196:2011
<b>Flow resistance</b>	5 Pa/mb at a flow of approximately 55 m3/h Pkt. 5.3 of Norm PN-EN 17192



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