

# POLYZODUCT insulated ventilation ducts

## POID



### Description

This flexible duct model features thermal insulation based on 25 or 50 mm thick mineral wool. The inner cladding is made of two-ply 30 µm polyester film. The outer cladding is made of two-ply 30 µm polyester film with metallized finish. Between the inner cladding and the insulation there is a polyester vapour barrier film. The inner cladding is reinforced with a helical steel spring wire coil.

**Packaging:** 10 metre sections packed in cardboard boxes.

**Flexibility (winding diameter):** Depends on the actual duct diameter, i.e. from 0.8D to 1.5D (mm).

**Temperature range:** -30°C to +120°C

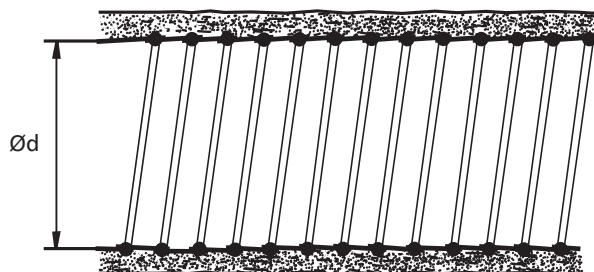
**Maximum acceptable vacuum:** Depending on the duct routing. For straight runs, 1/3 of the pressure transferred at the specific diameter can be taken.

#### Product code example

Product code: **POID - aaa**

type \_\_\_\_\_  
 Ød \_\_\_\_\_

### Dimensions



Ød <sub>nom</sub> (mm)	Ød out. (mm)	Max. acceptable pressure (Pa)	Tolerance (mm)
80	82,0	3000	+ 1.5
100	102,0	3000	+ 1.5
125	127,0	3000	+ 1.5
140	140,0	3000	+ 1.5
150	152,0	3000	+ 1.5
160	160,0	3000	+ 2.0
180	185,0	3000	+ 2.0
200	203,0	3000	+ 2.0
225	229,0	3000	+ 2.0
250	254,0	3000	+ 3.0
280	280,0	3000	+ 3.0
300	305,0	3000	+ 3.0
315	315,0	3000	+ 3.0
355	356,0	3000	+ 3.0
400	406,0	3000	+ 3.0
450	457,0	3000	+ 3.0
500	508,0	3000	+ 3.0
560	560,0	3000	+ 3.0