

TECHNICAL DATA SHEET

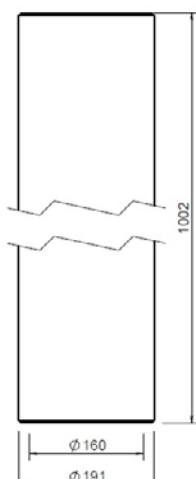
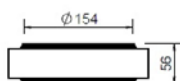
DucoFlex Insulated circular duct with integrated coupler D160 L1000 mm

The DucoFlex Insulated circular duct D160 is a smooth and insulated ventilation duct made of EPS. The good insulating properties of this product prevent a thermal bridge and therefore condensation when polluted air is extracted or outside air is supplied. Energy losses are also avoided. In addition to the good thermal insulation value, the material used also dampens noise and is very easy to handle. A connection piece is supplied as standard that connects the various EPS components in a quick and airtight manner.



Physical characteristics

Article number	0000-4569
Contents	Insulated circular duct D160 + coupler D160
Width x Height x Depth (mm)	Without sleeve: 191 x 191 x 1002 with sleeve: 197 x 197 x 1031
Connection diameter (mm)	160 (inner size)
Weight (kg)	Without sleeve: 0.500 With sleeve: 0.625
Wall thickness (mm)	15,5
Material	Expanded polystyrene (EPS)
Colour	Grey
Packaging	Packed in seal per piece



Technical features

Range of application	Extract Air / Supply Air
Maximum flow rate	Extraction: 400 m ³ /h Supply: 325 m ³ /h
Air tightness class (ATC)	2 (D)
Thermal resistance (W/mK)	0,032
R-value (m²K/W)	0,48
Operating temperature	from -25° to +80°C
Fire rating EN 13501-1	E

Air velocity (m/s)	Flow rate (m ³ /h)	Pressure loss (Pa)
1	72	0,1
2	145	0,5
3	217	1,0
4	290	1,8
6	434	4,1

Pressure drop: inlet and outlet

