

Introduction

- The Air Excellent circular ductwork ensures efficient air distribution between distribution boxes and the various rooms.
- Due to its circular shape, the Air Excellent ductwork can be installed easily and ensures keeping pressure losses to a minimum.
- A complete set of accessories is available to make a complete air distribution system.
- All ductwork dimensions connect to one universal distribution box.
- Airtightness Class D for Air Excellent ductwork, Air Excellent ductwork accessories and the Air Excellent plastic distribution box. Tested according to TÜV SÜD Standard TAK 01-2013 (system pressure: + 2000 Pa/- 2000 Pa)



Features & benefits

- Lightweight
- Easy and quick to install
- Strong outer surface for damage-free installation
- Smooth inner surface for less pressure drop and a long-term clean system
- Anti-static and anti-bacterial properties
- For all new-build and renovation applications
- Complete set of accessories available
- Mix and match with semi-circular ductwork

Dimensions

AE34C

Outside (mm)	75
Inside (mm)	63
Surface (m ²)	0.00312

Logistical details

Weight per m (kg)	0.33
Weight per roll 50 m (kg)	16.99
Quantity per roll (m)	50

Air Excellent



AE34C circular ductwork (DN75/63 mm)

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Technical details

	1 x AE34C	2 x AE34C
Qv (Volume) [m³/h]		V (Velocity) [m/s]
10	0.9	0.4
20	1.8	0.9
30	2.7	1.3
40	3.6	1.8
50	4.5	2.2
60	5.3	2.7



AE34C		
Qv (Volume) [m³/h]	ΔP (Pressure loss) [Pa]	
10	1.0	1.0
20	1.2	1.0
30	2.8	1.2
40	5.2	2.3
50	8.2	3.6
60	12.0	5.2
Radius [mm]	0	150
Zeta		0.32

