

AIRFLEX DUCTING, ALUMINIUM FOIL

Mechanical properties	
Total thickness, without adhesion (microns)	45
Temperature range (°C)	-30 - +140
Maximum operating pressure (Pa)	2500
Maximum air velocity (m/s)	30
Diameter range (mm)	102 - 508
Fire class according to ³⁾	
The Netherlands (NEN 6065/6066)	1
Germany (DIN 4102)	B2
France (CSTB)	M1
Switzerland (BKZ)	x
United Kingdom (BS 476)	6, 7 and 20
Austria (B3800)	B1
Sweden (SP Fire 106)	x
Italy (CSI)	x
Technical data	
Article number	DA3(Ø)
Material structure	5 layers
Construction	
aluminium	3
polyester	2
Wire spacing	
Minimum bending radius	0.54 x Ø
Standard length (metres)	10
Standard colour	aluminium

x = not been tested

AIRFLEX DUCTING, PVC

Mechanical properties	
Total thickness without adhesion (microns)	135
Temperature range (°C)	-30 - +140
Maximum operating pressure (Pa)	+3000
Maximum velocity of air (m/s)	30
Diameter range (mm)	102 - 508
Fire classes according to ³⁾	
The Netherlands (NEN 6065/6066)	1 and 3
Germany (DIN 4102)	B2
France (CSTB)	x
Switzerland (BKZ)	x
United Kingdom (BS 476)	7 and 20
Austria (B3800)	B2
Sweden (SP Fire 106)	x
Italy (CSI)	1
Technical data	
Article number	DC21[B/W/G] (Ø)
Material structure	6 layers
Construction	
layers of copolymer	1
aluminium	3
polyester	2
Wire spacing	
Ø 52 mm	irrelevant
Ø 65 and 76 mm	irrelevant
≥ Ø 76	irrelevant
Minimum bending radius	0.58 x Ø
Standard length (metres)	10
Standard colour	B = black W = white G = grey