

**Holder** : **ALUFLECO - AFOI KARNERI O.E (KARNERIS BROS O.E)**

**Manufacturer** : **ALUFLECO - AFOI KARNERI O.E (KARNERIS BROS O.E)**  
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**Product description** : **Non-insulated Semi Flexible Spiral Aluminum Air Ducts**  
(Ø 50 mm, Ø 63 mm, Ø 75 mm, Ø 80 mm, Ø 90 mm, Ø 100 mm, Ø 110 mm, Ø 115 mm, Ø 120 mm, Ø 125 mm, Ø 130 mm, Ø 140 mm, Ø 150 mm, Ø 160 mm, Ø 170 mm, Ø 180 mm, Ø 190 mm, Ø 200 mm, Ø 225 mm, Ø 230 mm, Ø 250 mm, Ø 270 mm Ø 300 mm, Ø 350 mm)

**Requirements and Standard(s)** : **EN 13180:2002** «Ventilation for buildings. Ductwork. Dimensions and mechanical requirements for flexible ducts»  
**2001/95/EC**

**Report No.** : **FLTR\_170731\_01** of Spectrum Labs  
**IR\_030-03-011-00918-rev01**

**SWISS APPROVAL TECHNISCHE BEWERTUNG S.A.** as a Third Party Inspection Body, hereby certifies that:

The above mentioned products "**Non-insulated Semi Flexible Spiral Aluminum Air Ducts**" were witnessed by us during testing and we confirm that the products are in compliance with the above mentioned standard and requirements.

The products range classified as following according to EN 13180:2002:  
Diameter Class: A, Tightness: Class C, Sag: <2°, Bending: <1%, Air Leakage factor: Class C,  
Crushing Strength, compressed: 18-42 kg, uncompressed : 9-19 kg

*This Certificate is issued in conjunction with the above mentioned Report and reflects findings during inspection time and place only for the product and configuration described above and does not discharge byer and/or seller from their contractual responsibilities.*

*Any modifications to the Technical File should be first submitted to our Company to ensure further validity of this attestation.*



*on behalf of Company*  
**George Paparidis**