

certified quality

UL Listed Flexible Air Ducts & Air Connectors



AFS[®]

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UL Listed series



ALUAFS.70 UL (AIR CONNECTOR)

Inner Duct Construction	: 3 ply aluminium + 2 ply polyester
Nominal Thickness of Duct	: 70 micron
Diameter Range (∅)	: 2" - 10"
Wire Spacing	: 35 mm (∅ ≥ 127 mm)
Operating Temperature Range	: -18 °C / +130 °C (0 °F / 265 °F)
Flame Spread Index	: < 25
Smoke Developed Index	: < 50
Air Velocity	: 30 m/s (max) (5910 ft/min)
Operating Pressure	: +3000 Pa (max)
Reaction to Fire	: Difficult to ignite
Standard Length	: For installation in lengths not over 14 ft 25 ft / 10 m
Packing	: Single cardboard box
Certificates	: UL 181 Listed Class 1 Air Connector



ALUAFS DRYER DUCT

Inner Duct Construction	: 3 ply aluminium + 2 ply polyester
Nominal Thickness of Duct	: 70 micron
Diameter (∅)	: 4"
Operating Temperature Range	: -18 °C / +130 °C (0 °F / 265 °F)
Flame Spread Index	: < 25
Smoke Developed Index	: < 50
Air Velocity	: 30 m/s (max) (5910 ft / min)
Operating Pressure	: +3000 Pa (max)
Reaction to Fire	: Difficult to ignite
Standard Length	: Max. 8 ft (2,4 m)
Packing	: Single cardboard box
Certificates	: UL 2158A Clothes Dryer Transition Duct



The dimensions, tolerances, and mechanical resistance of all flexible ducts are tested, classified and certified according to EN 13180. All technical details are for information only. All information and technical data in this leaflet is subject to change without prior notice. Based on these, permissible length tolerance is (-)3% for stated length (measured after fully stretched according to EN 13180)



Experience the most advanced performance in ventilation.

ISOAFS-ALU UL

Inner Core	: 2 ply polyester film + 1 ply aluminium film Encapsulated zinc coated steel wire helix
Vapor Barrier	: Fiberglass reinforced multilayer aluminium / polyester
Nominal Diameter (Inches)	: 2" / 2,6" / 3,2" / 4" / 5" / 6" / 7" / 8" / 9" / 10" / 12" / 14" / 16" / 18"
Wire Spacing	: 40 mm (ø ≥ 127 mm)
Operating Temperature Range	: -18 °C / +130 °C (0 °F / 265 °F)
Flame Spread Index	: < 25
Smoke Developed Index	: < 50
Insulation - Thickness - Density	: Ecosoft, formaldehyde free - 25 mm - 20 kg/m³ Ecosoft, formaldehyde free - 50 mm - 20 kg/m³
Max. Rated Velocity	: 15 m/s (3000 ft / min)
Max. Rated Positive Pressure	: 3000 Pa (max) (12 in WC)
Max. Rated Negative Pressure	: 150 Pa (0.6 in WC)
R-Value	: 4.2 (10 °C)
R-Value (50 mm)	: 8.4 (10 °C)
Standard Length	: 7,6 m (25 ft)
Packing	: 1 piece per poly-bag / 1 piece per carton
Certificates	: UL 181



Features & Benefits

- UL Listed & Labelled
- Formaldehyde free, super soft feel ECOSE technology glass wool
- Produced from multi-layer aluminium and polyester, reinforced with high tension steel wire
- Highly resistant to corrosion and rust
- Tear and puncture resistant reinforced jacket
- Resist to mold and spore growth

Approvals / Compliance

- UL 181 (UL LISTED)
- NFPA 90A & 90B
- IMC, IRC, UMC



scan here for online certificate



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