



LAMBRO INDUSTRIES, INC.

Ventilation Accessories Since 1967

FOIL FLEX

UL 181 CLASS 1 AIR CONNECTOR

Check with local building codes before installation.

Product: UL 181 Class 1 Air Connector

Description: Non-Insulated foil flexible duct reinforced with galvanized wire.

Construction: Multiple layers of aluminum/polyester laminate tape formed into a flexible duct bonded with premium heat cured fire retardant adhesive supported by a galvanized wire helix with a maximum wire pitch of 1.25 inch.

Components:

- Aluminum / Polyester laminate
- Hot galvanized zinc coated bead wire - 0.0393 inch diameter
- UL approved fire-retardant water-based adhesive

Specifications:

- Wire pitch: 1.25 inch
- Duct Diameter: 3 - 10 inch

Properties:

Certified UL 181 Class 1 - Conforms to all requirements of UL 181 Class 1 air connectors.

- Operating temperature: -86°F to +257°F °
- Rated Air Velocity, fpm (m/s): 4,000
- Rated Positive Pressure, inch w.c. (kPa): Positive 6 in. WC
- Rated Negative Pressure, inch w.c. (kPa): Negative 1/2 in. WC
- Max Flame Spread Index: Less than 25
- Max Smoke Developed Index: Less than 50
- Resists tearing and puncturing

Per the UL 181 Class 1 guidelines, you should refrain from installing this duct in lengths exceeding 14 feet.