



Product Highlights

- Operating temperature up to +399°C (+750°F)
- Flexible
- Crush resistance
- High strength-to-weight ratio
- Fluid resistant
- Fray resistance
- Abrasion protection
- Attractive appearance

Typical Applications

- Heating, ventilating and air conditioning (HVAC)
- General industrial fume removal
- Aircraft cabin ventilation
- Vacuum systems
- Marine air handling

ClevaFlex® Air Handling Ducts are manufactured using multi-ply technology in which dies create convoluted flexible ducts that are permanently bonded with a thermosetting adhesive.

The proprietary multi-ply manufacturing process produces a strong, flexible, lightweight ducting that provides resistance to heat, fluids, and mechanical abrasion.

A variety of materials can be selected to match specific applications, including aluminum, aluminum foil scrim, copper, colored Mylar®, and natural and black extensible paper.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – ClevaFlex® Air Handling Ducts

Construction and Typical Product Characteristics

Sleeve Types	Sleeve Construction
A-A	Aluminum Foil 1100-H19 - Soft Aluminum Foil 3003-0
A-P-M	Aluminum Foil 1100-H19 - Kraft Extensible Paper - Mylar
P-A-P	Kraft Extensible Paper - Aluminum Foil 1100-H19 - Kraft Extensible Paper
P-A-M	Kraft Extensible Paper - Aluminum Foil 1100-H19 - Mylar

Additional ClevaFlex Air Handling Ducts can be designed using a variety of materials to meet specific applications. Please contact our sales or engineering offices for material specifications and product drawings.



Typical ClevaFlex Air Handling Duct application:

Air circulation blower for an environmental test chamber.

Availability

ClevaFlex Air Handling Ducts are available in wide range of sizes from 1/2" to 16" ID. Sleeves can be cut to required lengths or are available in bulk lengths.

Operating Temperature Range

Sleeves with an outer ply of Aluminum can withstand surface temperatures of up to +399°C (+750°F), while sleeves with an outer ply of Paper or Mylar (M) can withstand surface temperatures up to +204°C (+400°F).