

CRAYFLEX[®]

UL Listed Crayflex[®] Insulated flexible duct is made of double lamination of tough polyester which encapsulates cold rolled steel wire spiral wound helix form the airtight inner core of the Crayflex. The double layer core of each product is wrapped with fiberglass insulation. All three products are sheathed in a rugged and durable reinforced, laminated metalized aluminum Mylar jacket.

Specifications

Insulation: R4.2, R6, R8

Standard length: 25ft

Standard Diameter: 4" to 20"

Length: 25 feet

Vapor Barrier: Glass Scrim reinforced metallized polyester jacket.

Inner Core: Double lamination of tough polyester which encapsulates cold rolled steel wire spiral wound helix form the airtight inner core.

Flame Spread: Less than 25

Smoke Spread: Less than 50

Code Compliance: UL181 Class 1 Air Duct.

Performance Data

Maximum Operating Temperatures:

-20°F to 140°F Continuous (@ maximum pressure)

-20°F to 180°F Continuous (@ 2" pos. w.g. max.)

-20°F to 250°F Intermittent (@ 1/2" pos. w.g. max.)

Maximum Pressure: 16" w.g. positive

Minimum Pressure: 1" w.g. negative

Maximum Velocity: 4,000 fpm maximum

Vapour Transmission: 0.05 perms



Features and Characteristics

- Highly resistant to corrosion and microorganisms.
- Able to withstand 16" w.g. air pressure, suitable for low, medium, and high-pressure class.
- Low operating cost.
- Compressed ducts reduce freight and storage costs.
- No air leakage.
- Quick installation.
- Spring steel wire helix assures dimensional stability, resists mechanical abuse and provides more efficient air distribution.
- Thick blanket of fiberglass for excellent thermal characteristics.

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