

6P-M0

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 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 40°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 Positive Pressure: 16" w.g. (4 kPa)

Minimum Pressure Negative: 1" w.g. (0.25 kPa)

Maximum Velocity: 4,000 fpm maximum

Vapour Transmission: 0.05 perms

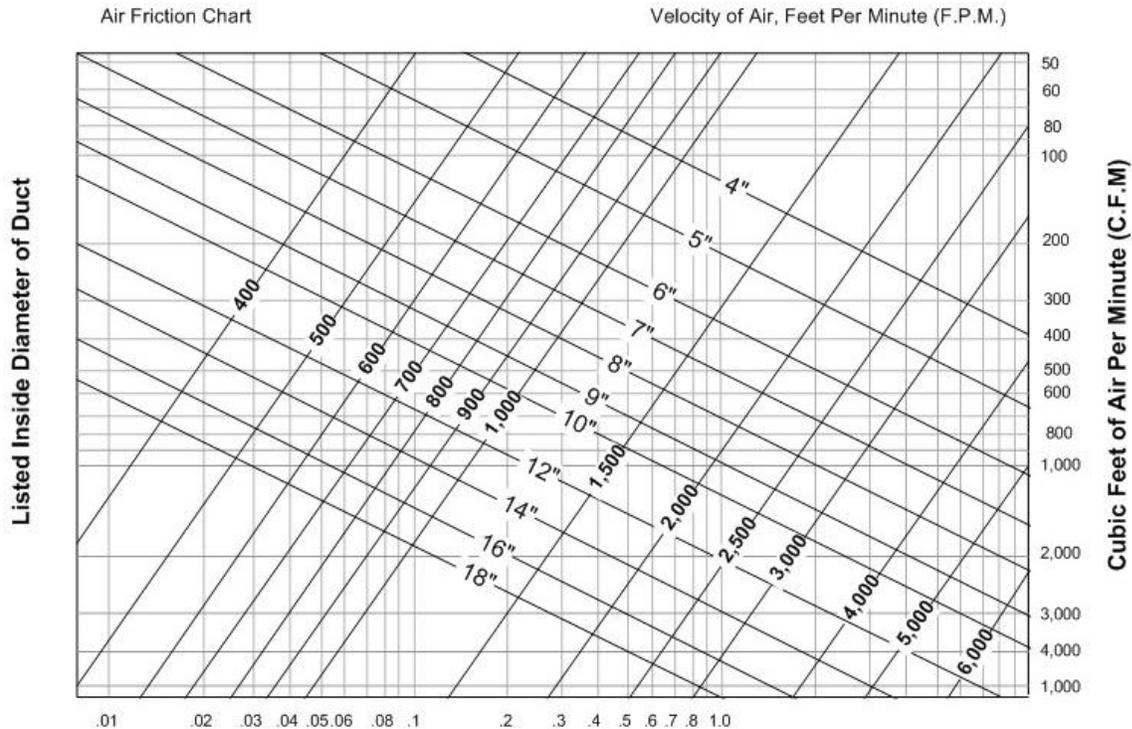


Features and Characteristics

- 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.

CRAYFORD has no material liability towards any Product other than the Product Warranty made CRAYFORD whether known or unknown, asserted or unasserted, absolute or contingent, accrued or unaccrued, liquidated or unliquidated, and due or to become due arising out of any alleged defect in the manufacture, materials used or workmanship of such Products. CRAYFORD's liability for damages, whether in contract, in tort, under warranty, in negligence or otherwise shall not exceed anything beyond the return of the purchase price paid by the buyer for such Product. To the knowledge of CRAYFORD, there are no material errors in any published technical documentation or specifications of the Products and such technical documentation or specifications do not constitute a warranty of any kind (including but not limited to a warranty of merchantability or of fitness for a particular purpose), or a representation for which CRAYFORD assumes any legal responsibility. The sole responsibility to assess and determine the suitability of the Product for its intended use- commercial, residential, or industrial rests with the buyer and unless expressly warranted, CRAYFORD bears no responsibility in doing so. All the manufacturing standards, testing procedures, and product specifications disclosed by CRAYFORD have complied in all material respects with all the requirements established by any applicable federal, state, and local laws, regulations, or governmental authority.

TECHNICAL INFORMATION



Friction Loss in Inches of Water Per 100 Feet

Friction Loss Chart

Friction loss data is shown above in inches of water gauge per 100 feet of straight duct. Values may be arrived at if either CFM or FPM for a given duct diameter is known. The chart may also be used in converting CFM to FPM.

Performance Features

- FULLY APPROVED - Listed and labeled as a UL-181, Class 1 Air Duct in accordance with Standard 181. Meets all requirements of NFPA-90-A & 90-B, UMC, IMC and FHA/HUD.
- MAXIMUM AIR VELOCITY - CRAYFLEX is rated for continuous operation up to 4,000 FPM.
- OPERATING PRESSURE - Positive pressure labeled@ 16" W.G. and negative pressure labeled@ 1" W.G. on all diameters.
- OPERATING TEMPERATURE - 0° F to 200° F
- FIRE SAFETY - Class 1 with less than 25/50 Fire Hazard Classification (ASTM E84,U.L.-723).

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