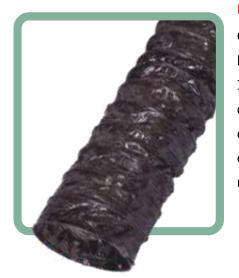


PRODUCT SHEET

Non-Insulated Flexible Air Connector for Environmental Air Handling **S**YSTEMS

APPLICATIONS



KaalFlex Non-Insulated Flexible Ducts, Thermaflex®, are fully lined, UL 181 Class I flexible air duct designed for low to medium pressure cooling and heating HVAC systems. It can be used in air venting or drying applications. It is an economical solution for handling misalignment between systems components and ducting around obstacles where fabricated and fitted GI ducts are difficult and costly to use and insulation is not required. It is equally suitable for new jobs or retrofit work and is especially useful when making system extensions or for changing zones, now or in the future.

FEATURES & BENEFITS

Underwriters Laboratories Listed Vendor Insulated:

4 - 20 inches ID Complies with NFPA Standards 90A & 90B Diameter:

Corrosion resistant steel wire helix Pressure Rating: (W.G.)

Fully lined for efficient air delivery Positive: 10 inches(4"-16" ID) Economical means for venting solutions

6 inch (18"-20" ID)

No

 $^{1}/_{2}$ inch (4"-20" ID) Quality manufacturing leads to quality installation Negative:

Velocity: that increase volume and profits 5000 fpm -20° F to 250° F Available through quality distributors strategically Temp. Range:

Convenient packaging & handling of 25 foot long pipes

MAJOR ADVANTAGES OVER CONVENTIONAL VENTING:

- High degree of flexibility in ventilation systems allows venting around obstacles
- Quick & economical means of correcting misalignment between system components or ventilation arrangements
- Eliminates the need for some fittings
- Fire retardant materials used in construction
- Minimal flame spread

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APPLICATIONS AND ENGINEERING DATA

Nominal Inside Diameter (Inches)	4	5	6	7	8	9	10	12	14	16	18	20
Length (Feet)	25											
Inside Bend Radius (Inches)	4	5	6	7	8	9	10	12	14	16	18	20
Operating Pressure Positive: 10 inches (4 -16 in. ID) & 6 inches (18 - 20 in. ID) (Inches Water												

Operating Temperature Range (°F)

Minimum -20 Maximum 250

Velocity (Feet Per Minute) 5000

Negative: 1/2 inch (4-20 in. ID)

CONSTRUCTION AND MATERIALS

Column)

Strong polyester film laminated and encapsulating a heavy, corrosion resistant steel wire helix, forms the inner. The smooth airtight inner core of polyester is designed for low to medium pressure systems. Oversized for quick installation over fittings and extensions.

KAALFLEX - Thermaflex® ADVANTAGES

KaalFlex Pvt Ltd. offers unique competitive advantages over other ordinary flexible duct solutions. Technology collaboration with an industry leading U.S. based manufacturer, Flexible Technologies, provides the latest and most comprehensive global customer satisfaction feedback which results in the highest quality products in the market. Only genuine Thermaflex® branded products manufactured by KaalFlex have the proprietary flame retardant glue properties leading to unparalleled international standards of fire safety & prevention in duct management systems. KaalFlex strives to satisfy not only the engineer, consultant or contractor but furthermore the end user and their Indoor Air Quality (IAQ).

Why go for the rest, when you can have the best?

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