



UPC #016 8' Insulated UL 181 Class I Air Duct

Description

ATCO's UPC #016, Class I Air Duct which meets the requirements of NFP A (90A & 90B). UPC #016 is an insulated duct, with a non-combustible, flexible metal core, manufactured of corrugated aluminum with watertight lock seams. 8' lengths come standard with universal male/female fittings, and are non-compressed.

UPC #016 is air-tight and is designed for low, medium and high operating pressures in HVAC systems.

Construction

UPC #016 has an all metal non-combustible inner core constructed of heavy gauge corrugated aluminum with watertight continuous lock seams. The flexible metal core is wrapped in a thick blanket of fiberglass insulation and a durable metalized polyester vapor barrier.

Applications

UPC #016 is used as a supply, return, and exhaust ducts in low, medium and high pressure heating, air conditioning, and exhaust systems. ATCO's UPC #016 can be used in an air distribution system, connecting ducts, mixing boxes, diffusers, light troffers, room inlets, or other terminal devices.

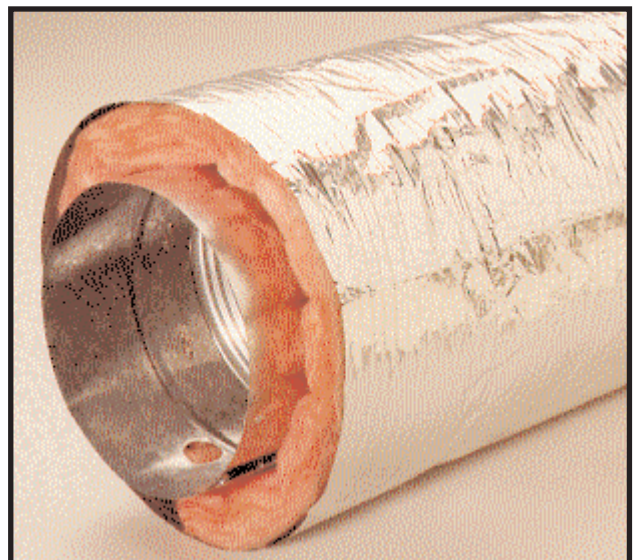
Code Compliance*

UL 181, UMC 10-1, ICC, NFPA 90A & 90B, HUD 515-2.1 (b), Cities of Chicago, New York & San Francisco, County of Dade (Florida), California State Fire Marshall.

*ATCO recommends that you check with the local code body having jurisdiction in your area to determine applicable codes.

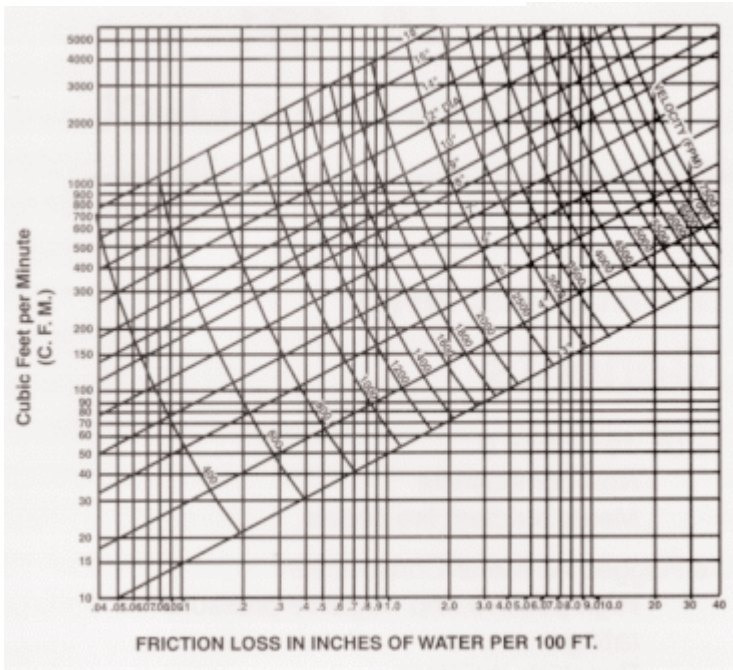
Features and Benefits

- Rugged all Metal Core
 - Non-combustible
 - Puncture resistant
 - Low maintenance
- Thick Blanket of Fiberglass Insulation
 - Energy efficient
 - Excellent thermal characteristics
- Semi-Rigid Yet Flexible
 - Easily shaped into bends
 - Maintains shape
 - Will not sag between supports
- Universal Male/Female Fittings
 - Lengths easily connected to terminal devices or other ducts for longer runs.
- Non-Compressed Lengths
 - No need to uncompress by hand.





Air Friction Chart *



STRAIGHT RUN

* FD 72-R1 Test Code of the Air Diffusion Council. Friction loss is computed in inches of water gauge per 100 feet of straight duct. By using CFM or FPM values for a given duct dimension, the friction loss can be determined. Conversion of CFM to FPM also can be made.

Product Data

- Length: 6' and 8'
- Diameter: 6", 7", 8" 9" 10" 12" 14" 16" 18"
- End Treatment: Universal Male/Female Fittings (Other available on request)

Warranty

Atco warrants that all flexible ducts will be free from defects in material and workmanship for a period of five years from the date of purchase only if the ducts are installed in accordance with Atco's installation instructions and under conditions specified in Atco's performance data. The buyer's exclusive remedies for any defect in the flexible ducts shall be replacement or refund of the purchase price, at Atco's option.

ATCO MAKES NO OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE. IN PARTICULAR, ATCO MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ATCO SHALL HAVE NO LIABILITY TO THE BUYER OR ANY THIRD PARTY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, PROPERTY DAMAGE, LOST PROFITS OR OTHER ECONOMIC INJURY DUE TO ANY DEFECT IN THE FLEXIBLE DUCTS.

MATERIALS AND SPECIFICATIONS FOR THE FLEXIBLE DUCTS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Distributed by:

UPC #016

Performance Data

- Recommended Operating Pressures:
Maximum positive and negative:
12" w.g. - 6" thru 10" diameters
8" w.g. - 12" thru 18" diameters
- Maximum Velocity: 5,000 FPM
- Operating Temperature Range: -100°F to 250°F
- R-Value: R-4.2, R-6.0, and R-8.0 available
- Flame Spread: 25
- Smoke Developed: 50

INSTALLATION: Air duct connections and joints shall be made per installation instructions outlined by ATCO Rubber Products, Inc. and the UL classification.

Atco Shipping Locations



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