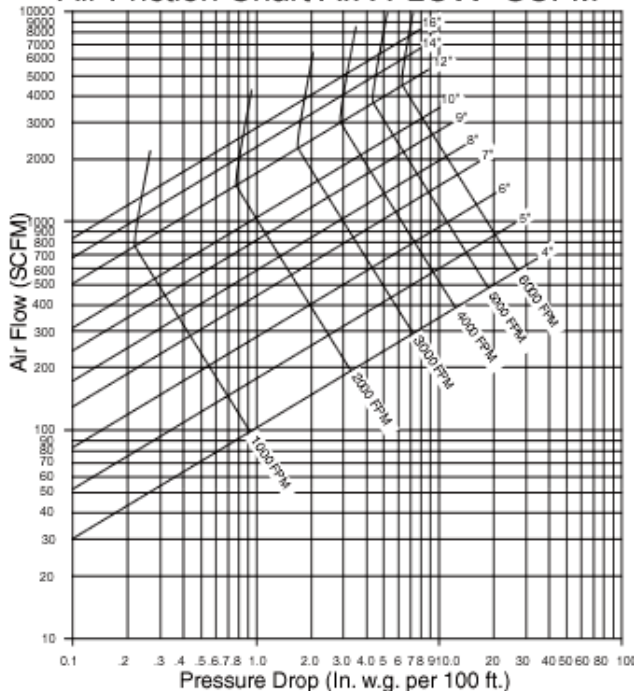




# PRODUCT & PERFORMANCE DATA



### Air Friction Chart AIR FLOW "SCFM"\*



## PRODUCT DATA

- Length: 25', 50' (Other lengths available as special order)
- Diameter: 3", 4", 5", 6", 7", 8", 9", 10", 12", 14", 16", 18", 20", 22"
- Vapor Barrier: Tri-directional, scrim reinforced metallized polyester
- End Treatment: 25', 50' -plain ends
- Packaging: 1 piece per carton

## INSTALLATION

Air duct connections and joints shall be made per installation instructions outlined by ATCO Rubber Products, Inc. and as required by the UL 181 listing procedure.

(Installation instructions are included inside each carton.)

## STRAIGHT RUN

\* FD 72-R1 Test Code of the Air Diffusion Council. Friction loss is computed in inches of water gauge per 100 ft. of 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.



## PERFORMANCE DATA



**UPC #030**  
**R-Value 4.2**

**UPC #036**  
**R-Value 6.0**

**UPC #031**  
**R-Value 8.0**

- Rated Positive Pressure: 10" w.g. per UL-181 (UL Listed pressure) ratings are determined in straight lengths @ ambient temperatures.)
- Recommended Operating Pressures: (Determined in a 90° bend at elevated temperatures in accordance with ADC FD 72-R1 Test Code.)
  - Maximum Positive:
    - 6" w.g. - 4" thru 12" Dia.
    - 4" w.g. - 14" thru 20" Dia.
  - (With factory installed metal collars, 2" w.g. - all diameters)
  - Maximum Negative: 3/4" w.g. - all diameters
  - Maximum Velocity: 5,000 FPM

- Vapor Transmission: .05 perms
- 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.)
- Flame Spread: 25 max  
Smoke Developed: 50 max



**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.

### Manufacturing & Shipping Locations



Albuquerque, NM • Baltimore, MD • Cartersville, GA • Fort Worth, TX  
Greensboro, NC • Houston, TX • Indianapolis, IN • Phoenix, AZ  
Plainville, GA • Plant City, FL • Riverside, CA • Wiggins, MS  
Sacramento, CA • Springdale, AR • Vineland, NJ

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