



C. A. SCHROEDER, INC.

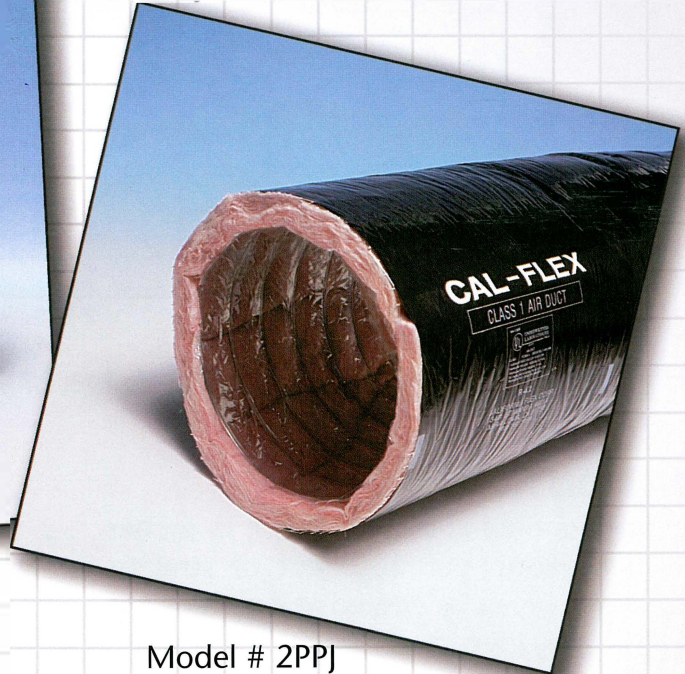
CAL-FLEX

Flexible Air Duct, Class 1

PRODUCT SPECIFICATIONS



Model # 2PMJ



Model # 2PPJ

DESCRIPTION

Cal-Flex Model #2PMJ is a fully insulated, Class 1 air duct jacketed with a reinforced metalized polyester sleeve. This versatile product is designed for low and medium pressure commercial, industrial and residential supply air and return air applications for HVAC systems.

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Cal-Flex Model #2PPJ is a fully insulated, Class 1 air duct jacketed with a polyethylene sleeve. This versatile product is designed for low and medium pressure commercial, industrial and residential supply air and return air applications for HVAC systems

CONSTRUCTION FEATURES

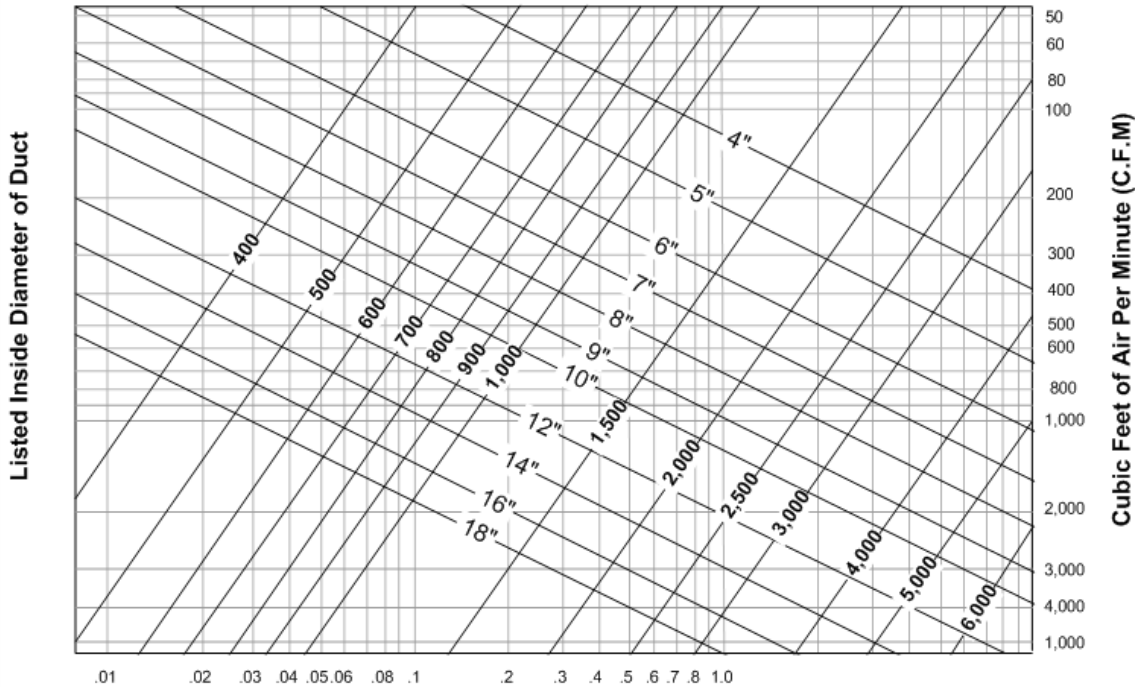
- LINER – Two layers of tough polymer material
- HELIX – High carbon, spring steel wire.
- FULLY INSULATED - R-4.2, R-6.0 and R-8.0 standard.
- LENGTHS – Available in convenient 25 foot lengths
- SIZES – Available in diameters of 4" thru 10" (1" increments) and 12" thru 24" (2" increments).
- PACKAGING - Compression packaged for easy handling and storage.



TECHNICAL INFORMATION

Air Friction Chart

Velocity of Air, Feet Per Minute (F.P.M.)



Friction Loss in Inches of Water Per 100 Feet

FRICITION 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 – CAL-FLEX is rated for continuous operation up to 4,000 FPM.
- OPERATING PRESSURE – Positive pressure labeled @ 6" W.G. and negative pressure labeled @ 1" W.G. on all diameters.
- PERM RATING - Of outer jacket - .05 Perms
- OPERATING TEMPERATURE – 0° F to 200° F
- FIRE SAFETY – Class 1 with less than 25/50 Fire Hazard Classification (ASTM E84, U.L.-723).

CAL-FLEX

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