



FHP-25

R6 & R8

High Pressure Insulated Flexible Air Duct

PRODUCT DATA & SUBMITTAL

PHYSICAL DESCRIPTION

FHP-25 (25' length) high pressure flexible duct is constructed with a spring steel wire helix, encapsulated in a polyester, aluminum foil, and polyester tri-laminate airtight inner-core. Fiberglass insulation (Choice of R6, R8) encompasses the core & a unique metalized, reinforced vapor barrier surrounds the entire duct.

PRODUCT DATA

Diameter: 4",5",6",7",8",9",10",12",14",16",18",20"
Length: 25 feet.

Packaging: 1 section per carton. To meet thermal properties, packaging complies with recommended 12:1 or less compression ratio.

Vapor Barrier: 2-Ply Reinforced Metalized Polyester.

End Treatments: Raw Ended.

Inner Core: Polyester, aluminum foil, and polyester tri-laminate.

PERFORMANCE DATA

Thermal Value: R6 & R8 Classified by Underwriters Laboratories, Inc. and bears the ADC Thermal Certification Mark.

Maximum Positive Pressure: 10" W.G. (4"–14") 6" W.G. (16"–20") determined per ADC Test FD- 72R1 at 180° F temperatures in a 90° elbow.

Maximum Negative Pressure: 1" W.G. (4" -10") ½" W.G. (12"– 20").

Vapor Barrier: Flexible air ducts are for indoor applications and should not be exposed to direct ultraviolet light.

Maximum Velocity: 5,000 FPM.

Operating Temperature: -20°F to 200°F Continuous. **Permeance:** (Vapor – Barrier) 0.01 US Perms per ASTM E96A-94.

FEATURES & BENEFITS

10" Positive High-Pressure Rating

UL Listed & Labeled

Guaranteed out of package lengths

10 Year limited warranty

GREENGUARD Gold Certification

Formaldehyde Free (see www.jpflex.com for more info)

3/8 Oversized core

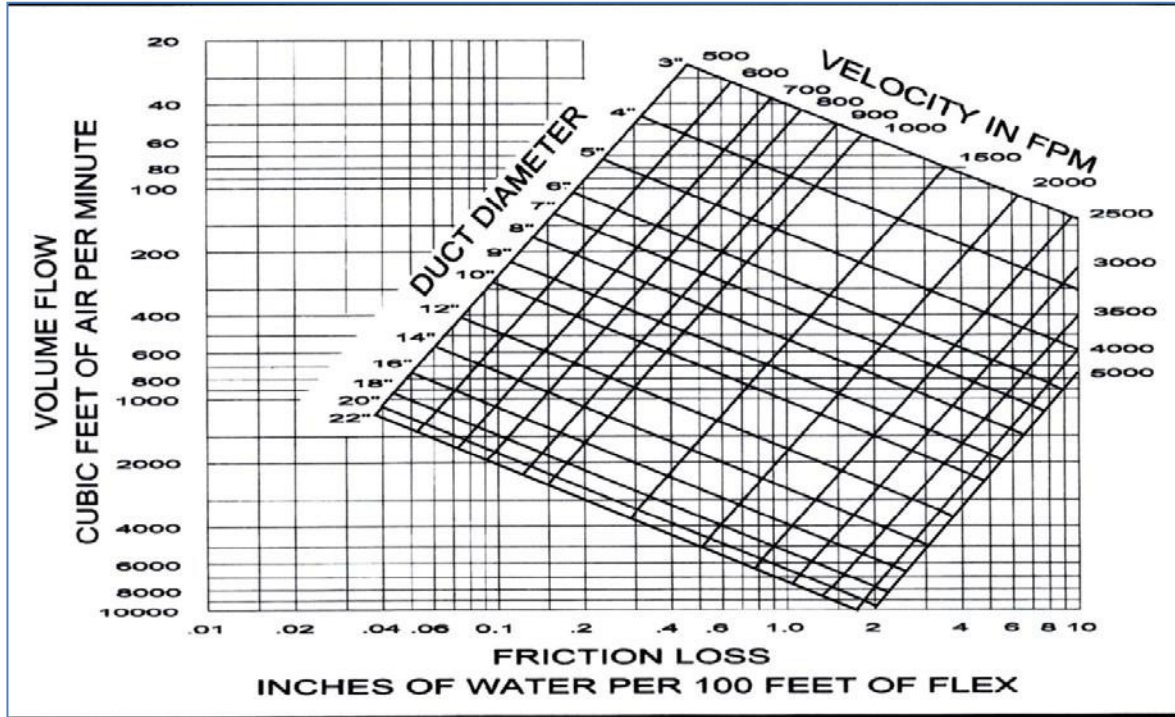
Certified R-Values

CODE COMPLIANCE & APPROVALS

Listed & Labeled Underwriters Laboratories, Inc. File # MH11637 UL-181 Class 1 Air Duct, Flame Spread 25 or Less / Smoke Developed 50 or Less. Meets the requirements of NFPA 90A & 90B, UMC & IMC and most model codes. California Insulation Manufacturer #TD-1092.



AIR FRICTION LOSS DATA



Friction Loss Slide Chart Calculators are available at a minimum cost



TEN YEAR LIMITED WARRANTY

JPL warrants that all of its UL-181 Flexible Air Ducts & Thermal Sleeves (the "Product") will be free from defects in materials and workmanship under normal use for a period of ten (10) years from date of manufacture.* This warranty shall apply only to the Product when installed in the U.S.A. in accordance with **JPL** written installation instructions and within the conditions and limitations of the published performance data.

**Contact Company for details and limitations*



◆ Specifications subject to change without notice. ◆

Proper use and installation of these products shall be in accordance with UL-181 and ADC recommended installation instructions in each package.