



# 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](http://www.jpflex.com) for more info)

3/8 Oversized core

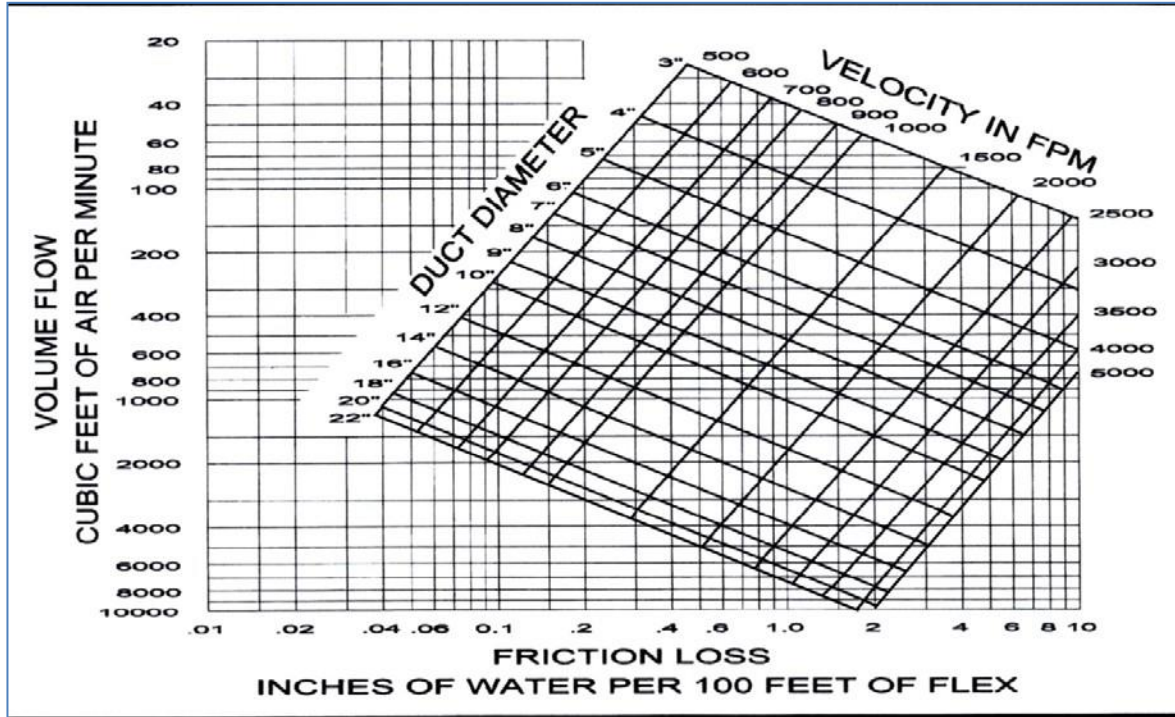
Certified R-Values

### 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*



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◆ 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.