



PR-45R8

Insulated Class 1 Flexible Air Duct

PRODUCT DATA & SUBMITTAL

PHYSICAL DESCRIPTION

PR-45 (45' length) flexible duct is constructed with a spring steel wire helix, encapsulated in a 2-ply, air-tight inner core. Fiberglass R8 insulation encompass the core and a black polyethylene vapor barrier surrounds the entire duct.

PRODUCT DATA

Diameter: R8 4",5",6",7",8"

Length: 45 feet.

Packaging: 1 section per package. To meet thermal properties, packaging complies with recommended 12:1 or less compression ratio. West coast customers will be shipped in cartons. Central customers will be shipped in cartons or polybags. East coast customers will be shipped in polybags only.

Vapor Barrier: Black Polyethylene.

End Treatments: Raw Ended.

Inner Core: Airtight 2-Ply Black Pigmented Polyester.

PERFORMANCE DATA

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

Maximum Positive Pressure: 6" W.G. determined per ADC Test FD-72R1 at 180° F temperatures in a 90° elbow.

Maximum Negative Pressure: 1" W.G.

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

Maximum Velocity: 5,000 FPM.

Operating Temperatures: -20°F to 140°F Continuous, -20°F to 200°F Intermittent.

Permeance: (Vapor – Barrier) 0.19 US Perms per ASTM E96A – 94.

FEATURES & BENEFITS

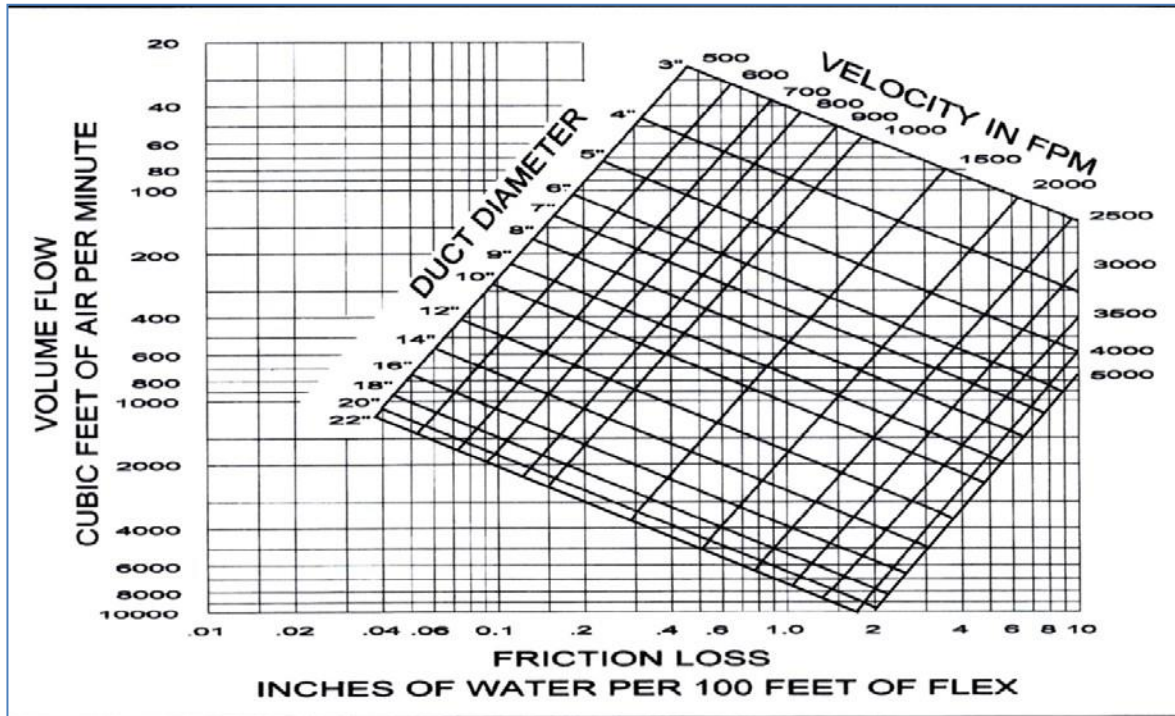
Reduces Flex Duct installed cost by 11%
UL Listed & Labeled
Guaranteed out of package lengths
10 Year limited warranty
GREENGUARD Gold Certification
Formaldehyde free (see www.jpflex.com for more info)
3/8" oversize inner core
Certified R-Values

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



HARDI resources that fuel your competitive advantage
Heating, Air-conditioning & Refrigeration Distributors International



◆ 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.