



# PR-50

## R4.2, R6 & R8

### Insulated Class 1 Flexible Air Duct

## PRODUCT DATA & SUBMITTAL

### PHYSICAL DESCRIPTION

PR-50 (50' length) flexible duct is constructed with a spring steel wire helix, encapsulated in a 2-ply, air-tight inner core. Fiberglass insulation (Choice of R4.2, R6, R8) encompasses the core and a black polyethylene vapor barrier surrounds the entire duct.

### PRODUCT DATA

**Diameters: R4.2 & R6** 4",5",6",7",8",9",10"  
**R8** 4",5",6",7",8"

**Length:** 50 ft.

**Packaging:** 1 Section per Carton

**Vapor Barrier:** Black Polyethylene

**End Treatments:** Raw Ended

**Inner Core:** 2-Ply Pigmented Polyester

### PERFORMANCE DATA

**Thermal Value: R4.2, R6 & 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 and 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:** 4,000 FPM

**Operating Temperature:** 0-200° F

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

### FEATURES & BENEFITS

Greenguard Certified

Reduces scrap and waste

10 Year limited warranty

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 and most model codes. California Insulation Manufacturer # TD-1092.