



# MHP-25R8

## Insulated Class 1 Flexible Air Duct

### PRODUCT DATA & SUBMITTAL

#### PHYSICAL DESCRIPTION

**MHP-25R8** (25' length) flexible duct is constructed with a spring steel wire helix, encapsulated in a 2-ply, air-tight inner core. Extra-thick insulation with a thermal value of R8 encompasses the core and a 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 ft.

6" x 40' R8 (MHP-40R8) available

**Packaging:** 1 Section per package,

**Vapor Barrier:** Metalized, Reinforced Polyester

**End Treatments:** Raw Ended

**Inner Core:** 2-Ply Polyester

#### PERFORMANCE DATA

**Thermal Value:** R8 Classified by Underwriters Laboratories, Inc. and bears the ADC Thermal Certification Mark. Owens Corning Fiberglass with Green Guard Certification.

**Maximum Positive Pressure:** 6" W.G. (4"-12")

4" W.G. (14"-20") determined per ADC Test FD-72R1 at elevated temperatures with a 90° elbow.

**Maximum Negative Pressure:** 1" W.G. (4"-10")

1/2" W.G. (12"-20")

**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) 0.006 US Perms per ASTM E96A-94.

#### FEATURES & BENEFITS

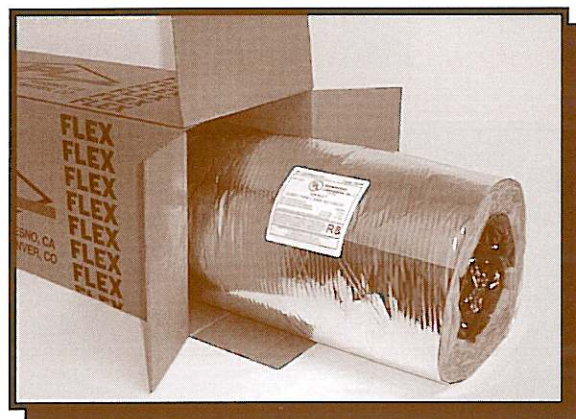
Certified R8 insulation

Guaranteed out of package lengths

10 Year limited warranty

3/8" oversize inner core

6" x 40' R8 (MHP-40R8) available

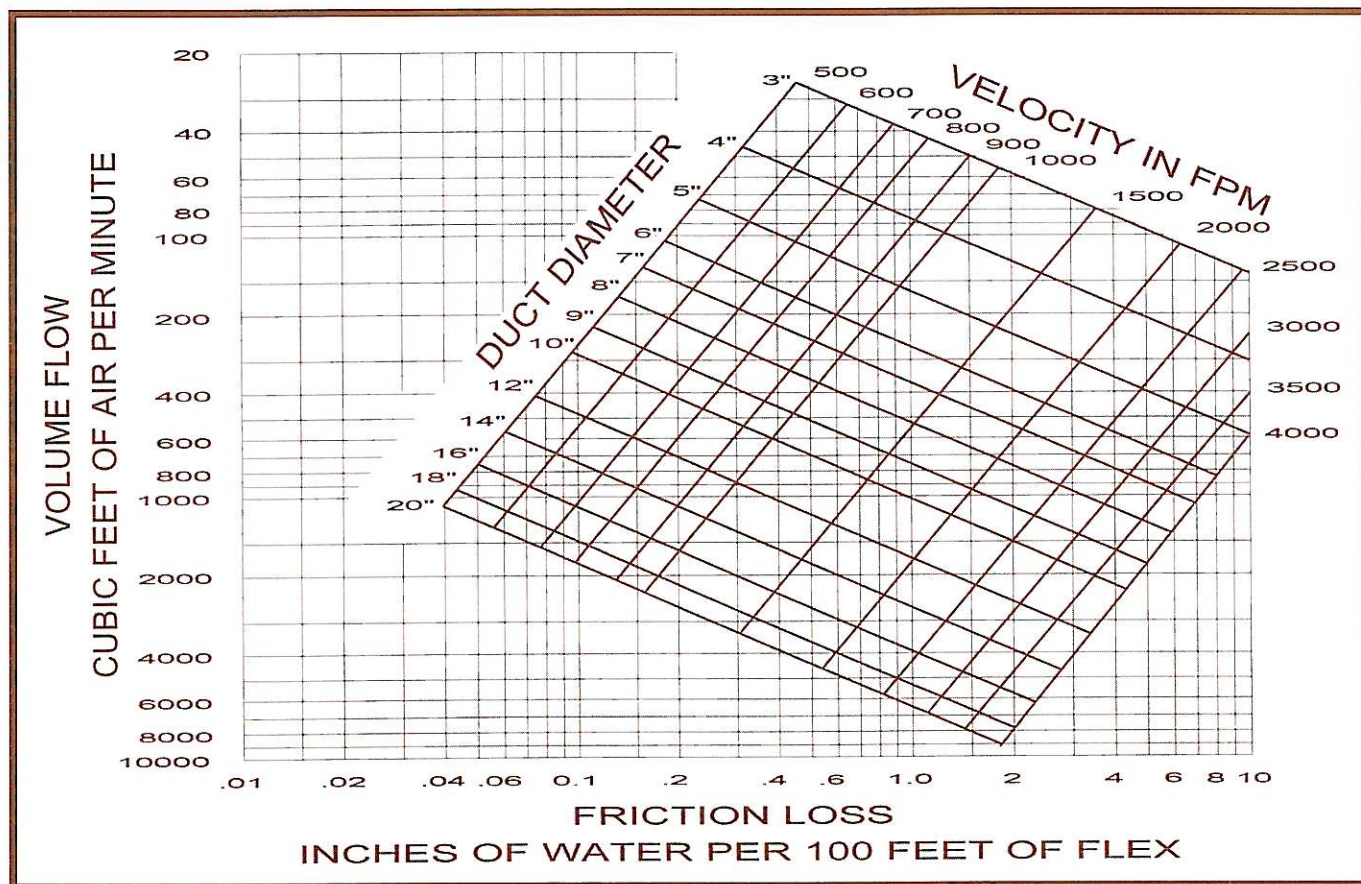


#### CODE COMPLIANCE & APPROVALS

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 6-1. Licensed as a California Insulation Manufacturer # TD-1092.



## AIR FRICTION LOSS DATA



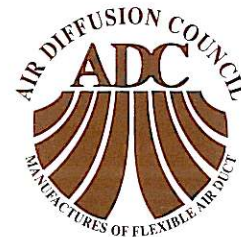
**FRICTION LOSS SLIDE CHART CALCULATORS AVAILABLE**



**TEN YEAR LIMITED WARRANTY**

J.P. LAMBORN CO. warrants that all of its UL-181 Flexible Air Ducts (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 J.P. LAMBORN CO.'s 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.