



# MH-25

## Insulated Class 1 Manufactured Housing Duct

### PRODUCT DATA & SUBMITTAL

#### PHYSICAL DESCRIPTION

**MH-25** (25' length) flexible duct is designed for manufactured housing, constructed with a spring steel wire helix, encapsulated in a 2-ply, air-tight inner-core. Fiberglass insulation R4.2 and reinforcing scrim encompasses the core & a black polyethylene vapor barrier surrounds the entire duct.

#### PRODUCT DATA

**Diameter:** 6", 8", 10", 12", 14", 16"

**Length:** 25 feet

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

**Vapor Barrier:** Heavy Duty, 4 mil Black Polyethylene

**End Treatments:** Raw Ended

**Inner Core:** Air Tight 2-Ply Black Pigmented Polyester

#### PERFORMANCE DATA

**Thermal Value: R4.2** Classified by Underwriters Laboratories, Inc. and bears the ADC Thermal Certification Mark.

**Maximum Positive Pressure:** 6" W.G. (6" – 12")  
4" W.G. (14" – 16") determined per ADC Test FD-72R1 at elevated temperatures with a 90° elbow.

**Maximum Negative Pressure:** 1" W.G. (6" – 10") ½"  
W.G. (12" – 16")

**Maximum Velocity:** 5,000 FPM

**Operating Temperature:** 0 - 200° F

**Permeance:** (Vapor – Barrier) .13 US Perms per ASTM E96A – 94.

#### ADDITIONAL R-VALUES & LENGTHS

MH Series is also available in R8 Thermal Value & non-standard lengths. Please contact the factory for pricing, lead-times and minimum quantities.

#### FEATURES & BENEFITS

UL Listed & Labeled

Meets HUD requirements

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 oversize inner core

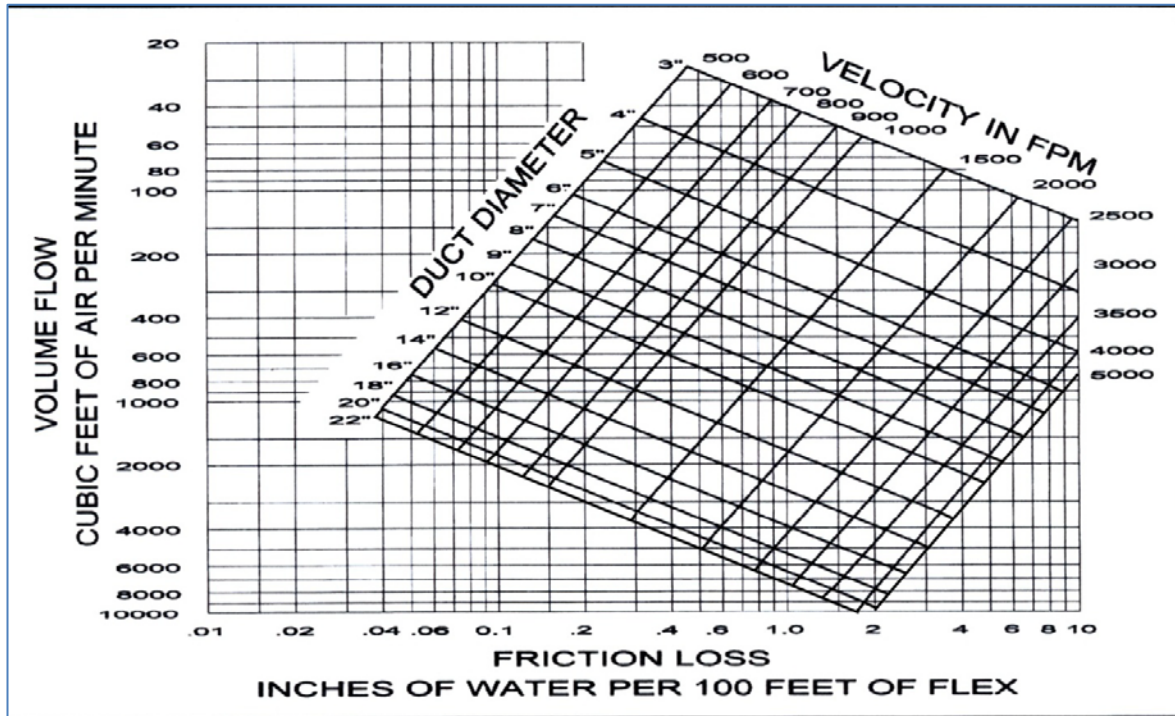
Certified R-Values

#### CODE COMPLIANCE & APPROVALS

Listed & Labeled Underwriters Laboratories, Inc. File # MH11637 UL-181 Class 1 Air Duct, Flame Spread 25 or Less. Meets the requirements of HUD 3280.715 Circulating air systems for manufactured homes, 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.