



# MHP-45

## R8

### Insulated Class 1 Flexible Air Duct

JPL strives to be the best flexible ductwork manufacturer in the United States

JPL's process is state of the art, yielding the highest quality product on the market

MHP series is a UL listed and labeled Class 1 flexible air duct, used in the HVAC industry as a supply and return air duct in low to medium pressure duct systems.

#### Physical Description

MHP-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 encompasses the core and a unique metalized, reinforced vapor barrier surrounds the entire duct.

#### Product Data

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

**Length:** 45 feet

**Packaging:** 1 section per carton. To meet thermal properties, packaging complies with recommended 12:1 or less compression ratio. This product is available in carton packaging only.

**Vapor Barrier:** 2-Ply Reinforced Metalized Polyester.

**End Treatments:** Raw Ended

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

#### 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.jplflex.com](http://www.jplflex.com) for more info)
- 3/8 Oversized core
- Certified R-Values

#### Contact Us!

1-800-255-FLEX (3539)  
[www.jplflex.com](http://www.jplflex.com)



#### 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 Temperature:** -20°F to 140°F Continuous, -20°F to 200°F Intermittent.

**Permeance:** (Vapor - Barrier) 0.01 US Perms per ASTM E96A - 94.

#### 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.

JP Lamborn Company - Plants in California, Colorado, Florida & Tennessee



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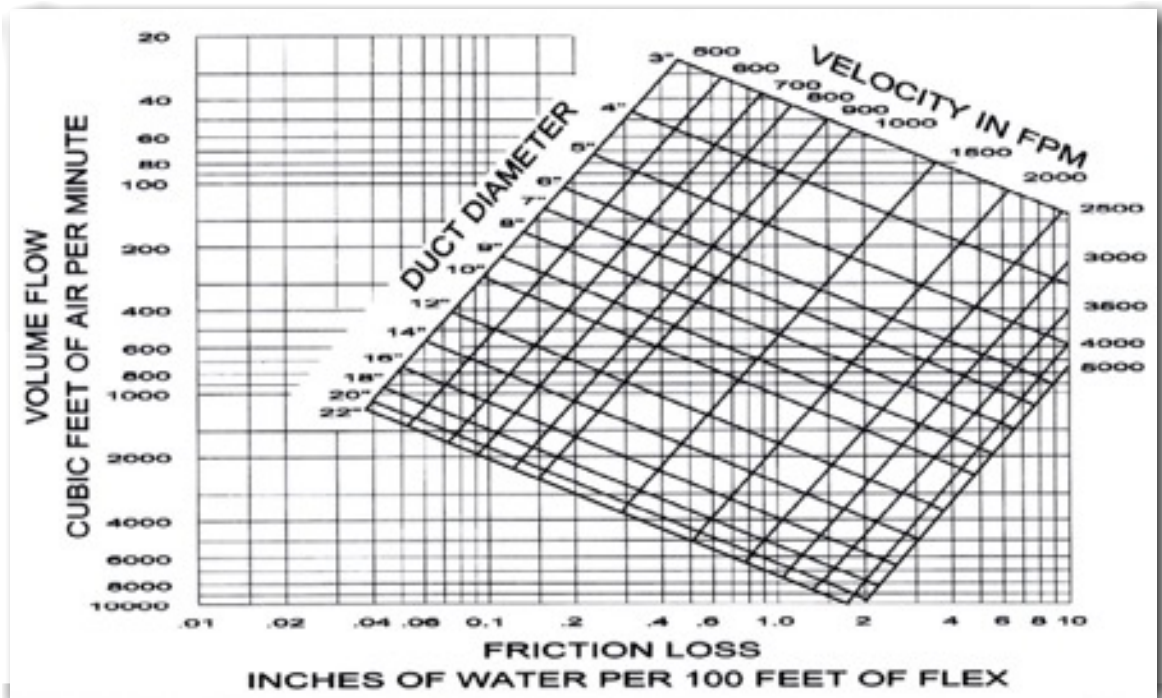
JPL provides consistent performance - all at a fair price and unbeatable quality since 1961.

JPL flex duct is the best in the business. JPL summed up in a single word - Trust.

## Air Friction Loss Data

- 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.



### Ten Year Limited Warranty

JP Lamborn Company 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 JP Lamborn Company's written installation instructions and within the conditions and limitations of the published performance data.



Download:

[10 Year Warranty](#)

### Contact JP Lamborn

JP Lamborn Co.  
1-800-255-FLEX (3539)  
[jplsales@jplflex.com](mailto:jplsales@jplflex.com)  
[www.jplflex.com](http://www.jplflex.com)

