

# HVAC Insulated-Flex R-8

Specifications

August 2024

**Construction:** Insulated flexible duct constructed with plies of aluminum foil, and insulated with fiberglass duct wrap.

3 layers:

Jacket: Silver fiberglass reinforced fabric

Insulation: fiberglass wrap

Liner: Spiral aluminum foil duct

## Product Features:

- \* Ideal for use for permanent and mobile air conditioning units
- \* Compressible and easy to transport
- \* Insulation maintains temperature of air inside hose.
- \* Very cost effective insulated duct.
- \* Provides acoustical as well as thermal insulation.
- \* This duct's insulation has an R-value of 8

**Applications:** Recommended for industrial or residential air movement applications.

**Temperature Range:** - 20 F to + 160 F

**Sizes I.D. (inches):** 4, 6, 8, and 12 Inch I.D.

**ID Tolerances:** To 12 Inch: -0.00 to + 0.125 Inch

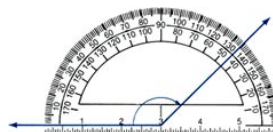
**Standard Length:** 25 Feet

**Standard Colors:** Metallic silver, with yellow insulation duct wrap

**End Finish:** Plain Cut

**Markets:** A/C Ventilation, Chiller, Cold Air Supply, Confined Space Ventilation, Dehumidification, Fans and Blowers, Utility Blowers, Ventilation, Wave Pool Blowers

Rubber-Cal, Inc.  
18424 Mt Langley St,  
Fountain Valley, CA 92708  
800-370-9152  
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| Size<br>Inside<br>Diameter<br>(Inches) | Approximate<br>Weight<br>Lbs./ft. | Min<br>Centerline<br>Bend<br>Radius<br>(Inches) | Compression<br>Ratio | Max<br>Recommended<br>Negative Pressure<br>(IN./HG) | Max<br>Recommended<br>Positive Pressure<br>(PSI) |
|----------------------------------------|-----------------------------------|-------------------------------------------------|----------------------|-----------------------------------------------------|--------------------------------------------------|
| 4                                      | 0.32                              | N/A                                             | 5 to 1               | N/A                                                 | N/A                                              |
| 6                                      | 0.40                              | N/A                                             | 5 to 1               | N/A                                                 | N/A                                              |
| 8                                      | 0.46                              | N/A                                             | 5 to 1               | N/A                                                 | N/A                                              |
| 10                                     | 0.57                              | N/A                                             | 5 to 1               | N/A                                                 | N/A                                              |
| 12                                     | 0.71                              | N/A                                             | 5 to 1               | N/A                                                 | N/A                                              |

Note: Technical data based on 2 ft. straight lengths of hose 72 F.

**Disclaimer:** The proper use and maintenance of the hose and/or duct is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible. Adequate testing under actual service conditions is necessary to properly establish suitability. We take pride in the quality of all of our products and we welcome comments and suggestions from our customers.

**California Prop 65:** ⚠ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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