

Performance Data

Conforms to U.L. Standard 181

Intertek Testing Service

Max. Rated Velocity 5500FPM

Max. Rated Positive Pressure 10in. W.G.

Max. Rated Negative Pressure 3/4in. W.G.

See installation instructions for joint treatments

Flame Spread 25 Max.

Smoke Developed 50 Max

Code Compliance: NFPA 90A and 90B, UL181



Royal Metal Products Inc.

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FLEXIBLE DUCT 901 and 902

R-VALUE R 4.2

R-VALUE 6.0

R-VALUE 8.0

All thermal performance (R-Values) are classified by ETL (Entertek Laboratories) in accordance with ADC Flexible Duct Performance and Installation Standards. Royal Metal Products uses ASTM C-518 (1991), at installed wall thickness, on flat insulation only.

Construction

Air Tight Inner Core: Double lamination of strong polyester encapsulates a steel wire helix.

Insulation: Formaldehyde-free, Multi-thicknesses (R4, R6 or R8) wraps the double layer inner core.

Jacket: Tough and durable Bi-directional fiber reinforced metalized polyester jacket.

Product Description

Royal Metal Flexible Duct Conforms to U.L. standard 181 for Class 1 Flexible Air Ducts, and is manufactured with a bi-directional reinforced fiberglass scrim with a metalized outer jacket. The three products have an air-tight inner core designed to operate at low to medium pressures in HVAC systems. This product is insulated to meet geographic building code requirements.

Application and compliances

Product is designed for indoor use as a supply or return air duct in low to medium pressure residential and commercial heating and air conditioning systems. All three R-values can be used to complete air duct systems', branch duct, connecting to mixing boxes, diffusers, room inlets, or other devices. R-factor requirements are determined by geographic building codes.

Packaging: Available in bags 901 or boxes 902

Available Size: 4" – 10", 12", 14", 16", 18", 20" diameters

Standard: ETL listed/Approved to UL 181