R-VALUE R 4.2	R-VALUE 6.0	R-VALUE 8.0

BLACK JACKET 904 Series

All thermal performance (R-Values) are classified by ETL (Entertek Laboratories) in accordance with ADC Flexible Duct Performance and Installation Standards. Using 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,R8) wraps the double layer inner core. Mold and mildew resistance. ECOSE non petroleum base binding Technology.
Jacket*:* Tough and durable black polyethylene outer vapor barrier.

Product Description

Royal Metal Flexible Duct Conforms to U.L. standard 181 for Class 1 Flexible Air Ducts, and is manufactured with a durable black polyethylene jacket. The three products have an air-tight inner core designed to operate at medium to low pressures in HVAC systems. The product is insulated to meet geographic building code requirements. Narrow wire spacing on core allows for low friction loss and low operating cost. Insulation Formaldehyde free, mold and mildew resistance with ECOSE Technology prevents itching when installing.

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. UL 181, NFPA 90A & 90B

***Packaging**:* Product available in box or bags.
Available Size: 4,5,6,7,8,9,10,11,12,14,16,18,20,inches.
Standard: ETL listed/Approved to UL 181

Performance Data

Conforms to U.L. Standard 181

Intertek Testing Service

Max. Rated Velocity	**5500FPM**
Max. Rated Positive Pressure	**10in. W.G. 4" thru 20" ID**
Max. Rated Negative Pressure	**3/4in. W.G. 4" thru 20"ID**

See installation instructions for joint treatments

Flame Spread	**25 Max.**
Smoke Developed	**50 Max**
Temperature Range	**-20 Deg F 250 Deg F cont.**

Code Compliance: NFPA 90A and 90B, UL181