



Features and Benefits:

- ❖ Owens Corning blanket insulation with EcoTouch® formaldehyde-free technology
- ❖ Owens Corning is the only fiberglass insulation listed in the USDA Bio-Preferred catalog
- ❖ Greenguard® Certified insulation
- ❖ Tough, tear-resistant, HUD Compliant jacket
- ❖ Small profile, weather-resistant packaging
- ❖ Updated: 8/1/2025

MOBILE HOME 903 SERIES

All thermal performance (R-Values) are certified by ETL (Intertek 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) wrap the double layer inner core. Mold and mildew resistant. EcoTouch non-petroleum base binding technology.

Jacket: Black heavy polyethylene jacket that complies with HUD requirements for outdoor mobile home or modular home use.

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. Both 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 is formaldehyde-free, mold and mildew resistant, with EcoTouch technology which prevents itching when installing.

APPLICATION & COMPLIANCE

Product is designed for use as a supply or return air duct connecting a self contained HVAC system to the main air duct of a mobile home or modular home, a complete system and/or branch duct in a horizontal or up-flow HVAC system in a mobile home or modular home. May also be used as a crossover air duct to join the main air ducts of a mobile home or modular home. Both R values can be used to complete air duct systems, branch duct, connecting to mixing boxes, diffusers, room inlets, or other devices. R factor determined by geographic building codes. UL 181, NFPA 90A & 90B, IMC, IRC, UMC, HUD 3280.715, HUD 515-2.1.



904 FLEXIBLE DUCT



PRODUCT DATA:

Packaging: R4, R6 offering available in 25' lengths in bags.

Available Sizes: 10", 12", 14", 16" diameter

Standard: ETL listed/Approved to UL 181

PERFORMANCE DATA:

INTERTEK TESTING LABORATORIES (Total Quality Assurance)

Conforms to U.L. Standard 181

Maximum Rated Velocity: 5500 FPM

Maximum Rated Positive Pressure: 10" W.G. 4" through 20" I.D. Maximum Rated Negative Pressure: 3/4" W.G. 4" through 20" I.D.

Flame Spread: 25 max

Smoke Developed: 50 max

Temperature Range: -20°F, 250°F continuous

Code Compliance: UL 181, NFPA 90A & 90B, IMC, IRC, UMC, HUD 3280.715, HUD 515-2.1

See installation instructions for joint treatments

Warranty: *Royal Metal Products warrants that its flexible air duct will be free from defects in material and factory workmanship for a period of five years from date of manufacture.*

This warranty applies only to the ducts installed in accordance with Air Duct Council (ADC) flexible duct performance and installation standards and within the conditions specified in published performance data. The warranty is for exchange of duct only and does not include installation.

Royal Metal Products shall have no liability to the buyer or third party for any special, incidental, or consequential damages.