



# UNITED DUCTSUPPLY

TAILORED SOLUTIONS IN STOCK

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## ATCO INSULATED FLEXIBLE DUCT

UPC #030 | R-VALUE 4.2



UPC #036 | R-VALUE 6.0



UPC #031 | R-VALUE 8.0



### APPLICATION & CODE COMPLIANCES

- ATCO's UPC#030, #036, #031 is used as a supply, return, and exhaust duct in low-to-medium pressure residential and commercial heating, air conditioning, and exhaust systems. UPC #030, #036, #031 can be used in an air distribution system, connecting ducts, mixing boxes, diffusers, light troffers, room inlets, or other terminal devices where an uninsulated flexible air connector is required.
- UPC #030, #036, #031 should not be used to vent appliances for cooking, heating, and clothes drying unless approved and recommended by the appliance manufacturer.
- UL 181, NFPA 90A & 90B, IMC, IRC, UMC (ICC ES REPORT NO.ESR-1268),HUD, Cities of Chicago, New York, San Francisco, County of Dade (Florida), California State Fire Marshal\*.

Check with the local code body having jurisdiction in your area to determine applicable codes.

### CONSTRUCTION

ATCO's #030, #036, #031 are manufactured with a tri-directional fiberglass scrim reinforced, metalized polyester outer jacket. A double lamination of polyester which encapsulates a steel wire helix forms the air-tight inner core of the flexible duct. The inner core of all three products is air tight and designed for low-to-medium operating pressures in HVAC systems. ATCO's #036 and #031 have increased insulation for superior thermal performance.

### FEATURES & BENEFITS

- **Air-tight** - energy efficient
- **Encapsulated Wire Helix** - No unraveling when cut to length / Quick installation
- **Smooth Inner Core** - Low friction loss / Low operating cost
- **Highly Resistant to Mold Growth** - Tested and Listed to UL Environment's Standard UL 2824

### PRODUCT DATA

- **Length:** 25'
- **Diameter:** 3"-10" all diameters  
12"-22" even diameters
- **End Treatment:** 25' - plain ends
- **Packaging:** 3"-22" = 1 piece per carton

### PERFORMANCE DATA

- **Positive pressure:** 10" w.g.
- **Negative pressure:** ¾" w.g.
- **Maximum velocity:** 5000 FPM
- **Operating pressures:** 6" w.g. 3"-12" dia  
4" w.g. 14"-22" dia
- **Flame spread:** 25 max
- **Smoke developed:** 50 max

ALL STATED SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION