



**Builder's Best, Inc.**  
 201 Broiles Drive  
 Jacksonville, TX 75766  
 888-368-7233  
 fax: 800-259-8368  
 www.BuildersBest.com

# A300 R4 Insulated T-Fin™ Air Duct

## DESCRIPTION

The A300 Thermofin® Air Duct is a UL® 181 Class 0 used as supply, return or exhaust. It features an aluminum core of T-Fin® semi rigid flexible duct wrapped in a layer of R4 insulation and an outer silver metalized jacket. Our factory crimp on the duct ensures smooth connections.



## FEATURES & SPECIFICATIONS

- T-Fin® semi rigid flexible duct design allows for better stretching and bending characteristics which helps eliminate flattening on the outside radius of a bend, thus preventing restricted airflow.
- Uncompressed 8' lengths
- Factory crimp on one end
- Insulated - R4, (R6 & R8 available)
- Outer jacket is silver "metalized" with scrim mylar vapor barrier
- UL® 181 Labeled Class 0 Air Duct
- Meets NFPA90a & 90b
- Thermofin® A100 semi rigid corrugated spiral formed out of aluminum alloy
- 30° strength angles between ribs
- Mechanically locked together with continuous knurled leak proof "Acme" lock
- A100 is wrapped in a blanket of fiberglass R4.2 insulation with multi-layer silver metalized polyester outer jacket

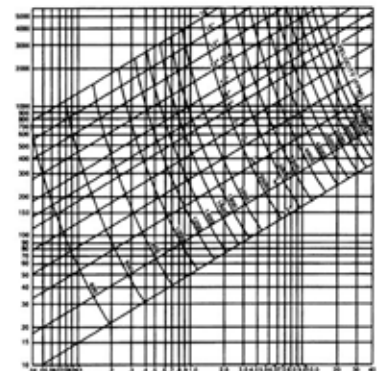
## LABELS



## BEND RADIUS

Duct Diameter (inches)	Approximate Bend Radius (inches)
3"	2.5"
4"	3"
5"	3.5"
6"	4"
7"	4.5"
8"	5"
9"	5.5"
10"	6"
12"	8"
14"	9"
16"	10.5"
18"	11.5"
20"	13"
24"	14.5"

## AIRFLOW



## PART NUMBERS

Diameter	Length	Part #	Qty	Package
4"	8'	111307	12	bulk
5"	8'	111308	9	bulk
6"	8'	111309	8	bulk
7"	8'	111310	5	bulk
8"	8'	111311	4	bulk
9"	8'	111312	4	bulk
10"	8'	111313	4	bulk
12"	8'	111314	4	bulk
14"	8'	111315	3	bulk
16"	8'	011316	1	ind. box
18"	8'	011317	1	ind. box
20"	8'	011318	1	ind. box
24"	8'	011319	1	ind. box

## PERFORMANCE DATA

- Pressure rating:
  - Maximum positive and negative
    - 12" w.g. - 3" thru 10" diameters
    - 8" w.g. - 21" thru 18" diameters
- Maximum velocity: 5,000 FPM
- Operating Temp. range: -100°F to +250°F
- Flame Spread: less than 25
- Smoke Developed: less than 50
- Insulation: R4.2

- Vapor Barrier Moisture Resistance: .006 perms

**INSTALLATION:** Air duct connections and joints shall be made per installation instructions outlined by Builder's Best and as required by UL® 181 listing procedure. (Installation instructions are included inside each carton.)

## WARRANTY

Builder's Best warrants that products manufactured by Builder's Best, Inc. will be free from defects in material and workmanship for a period of one year from the date of purchase ONLY if the products are installed in the USA in accordance with Builder's Best installation instructions and under conditions specified in Builder's Best performance data. If a purchaser finds a defect within the warranty period, the purchaser must notify Builder's Best, Inc. in writing. The buyer's exclusive remedies for any defect shall be replacement or refund of the purchase price, at Builder's Best, Inc.'s option.

Builder's Best, Inc. makes no other warranties, express, implied, statutory or otherwise. Builder's Best makes no warranty of merchantability or fitness for a particular purpose. Builder's Best, Inc. shall have no liability to the buyer or any third party for incidental or consequential damages of any kind whatsoever, including, but not limited to, personal injury, property damage, lost profits or other economic injury due to any defect in the products. Materials and specifications are subject to change without notice.