



**Builder's Best, Inc.**  
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# A100-U Uncompressed T-Fin® Air Duct



## DESCRIPTION

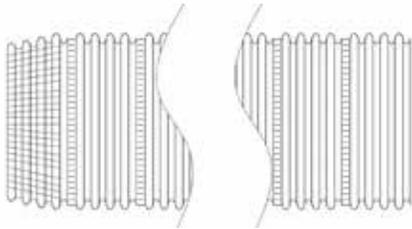
The A100 Uncompressed Thermofin® Air Duct is a UL® 181 Class 0 used as supply, return or exhaust. Our factory crimp ensures smooth connections. It solves the need for an easily bent, uncompressed duct which makes small radius elbows.

## FEATURES

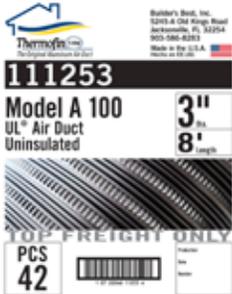
- Design allows for better stretching and bending characteristics which helps eliminate flattening on the outside radius of a bend, thus preventing restricted airflow.
- Factory crimp on one end
- Ships uncompressed in full 8 foot lengths
- UL® 181 label

## SPECIFICATIONS

- UL® 181 Labeled Class 0 Air Duct
- Thermofin® semi rigid corrugated spiral formed out of aluminum alloy
- 30° strength angles between ribs
- Mechanically locked together with continuous knurled leak proof "Acme" lock
- Meets NFPA90a & 90b



## LABELS



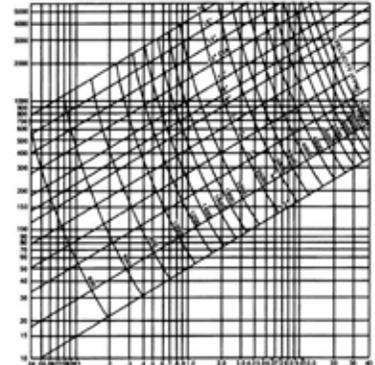
## PART NUMBERS

Diameter	Length	Part #	Qty	Package
3"	8'	111253	42	bulk
4"	8'	111254	25	bulk
5"	8'	111255	16	bulk
6"	8'	111256	12	bulk
7"	8'	111257	9	bulk
8"	8'	111258	6	bulk
9"	8'	111259	5	bulk
10"	8'	111260	4	bulk
12"	8'	111261	4	bulk
14"	8'	111262	4	bulk
16"	8'	011263	1	ind. box
18"	8'	011264	1	ind. box
20"	8'	011265	1	ind. box
24"	8'	011266	1	ind. box

## BEND RADIUS

Duct Diameter (inches)	Approximate Bend Radius (inches)
3"	1.5"
4"	2"
5"	2.5"
6"	3"
7"	3.5"
8"	4"
9"	4.5"
10"	5"
12"	6"
14"	7"
16"	8"
18"	9"
20"	10"
22"	11"
24"	12"

## AIRFLOW



## 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 +430°F
- Flame Spread: 0
- Smoke Developed: 0

**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.