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# SEMI RIGID FLEXIBLE ALUMINUM AIR DUCT A100 A-Seam™ Thermofin® Stretch Fit™



## DESCRIPTION

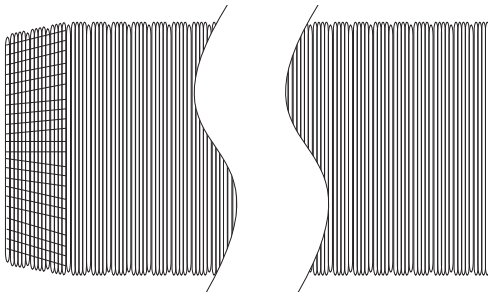
The A100 A-Seam™ Stretch Fit™ Air Duct is a semi-rigid flexible aluminum pipe Class 0 air duct used as supply, return or exhaust. The patent-pending design allows extreme compression without making it harder to pull it back out for installation. Design allows for tightest compression available in a 100% aluminum duct WITHOUT making it harder to pull the duct out for installation.

## PRODUCT FEATURES

- Crimped one end
- Ships compressed to 23"
- UL® 181 label Class 0 Air Duct

## PRODUCT SPECIFICATIONS

- 35 gauge aluminum (Brown & Sharp)
- Meets NFPA 90a and 90b
- Semi-rigid corrugated easily bent metal duct that can be formed by hand into curves and small radius elbows
- Spiral formed out of aluminum alloy with 30° strength angles between ribs, mechanically locked together with continuous "Acme" lock
- Our design allows for better stretching and bending characteristics. This helps eliminate flattening on the outside radius of a bend thus preventing restricted airflow.



## BEND RADIUS

Duct Diameter (in)	Approx Bend Radius (in)
3"	1.5"
4"	2"
5"	2.5"
6"	3"
7"	3.5"
8"	4"
9"	4.5"
10"	5"
12"	6"

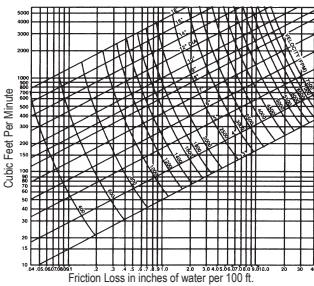
## PART NUMBERS

### Regional Availability

\* TFin A100 A-Seam replaces Model A100, the main difference is that the A-Seam compresses to 23" and the old model compressed to 29".

Dia	Length	Each #	Qty	Case #	Discontinued	Old Qty	Package	UPC
3"	8'	12820	20	112820	111356	12	Bulk	722048128200
4"	8'	12821	12	112821	111357	8	Bulk	722048128217
5"	8'	12822	7	112822	111358	5	Bulk	722048128224
6"	8'	12823	4	112823	111270	8	Bulk	722048128231
7"	8'	12824	3	112824	111271	6	Bulk	722048128248
8"	8'	12825	4	112825	111272	4	Bulk	722048128255
9"	8'	NA	NA	NA	111273	4	Bulk	
10"	8'	12827	2	112827	111274	3	Bulk	722048128279
12"	8'	12828	1	012828	012398	1	Ind Box	722048128286

## AIRFLOW



## PERFORMANCE DATA

- Recommended Operating Pressure:  
 Maximum positive and negative:  
 3" thru 10" diameters = 12" w.g.  
 12" diameter = 8" w.g.
- Maximum velocity: 5,000 FPM
- Operating Temp. Range:  
 -100°F to +430°F
- Flame Speed 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 the UL 181 listing procedure. (Installation instructions are included inside each carton.)

## PATENT

11,402,039

## LABELS



Made in the U.S.A.



## WARRANTY

Complete Warranty Statement at <https://www.buildersbest.com>