

FLEXIBLE ALUMINUM DUCT

SUBMITTAL SHEET

FLEXIBLE ALUMINUM DUCT SPECIFICATIONS



DESCRIPTON

Flexible Duct has a single wall which is helically corrugated with our unique Four-Ply Interlocking Seam. This construction insures an airtight seam, while the circumferential eight corrugations provide optimum mechanical strength and flexibility.. This self-supporting duct prevents unexpected sagging, bunching, and assures the design engineer minimum friction loss. Easily cut with a pocket knife or can be formed into offsets, elbows, etc., by hand.

Flexible Aluminum Duct is a highly satisfactory flexible duct in both high and low pressure systems, over a wide temperature range. It is leak proof, fire resistant, bendable, light weight, self-supporting, easy to reshape, economical, easy to install, yields superior air flow, dampens vibration, is vermin proof and does not support mold growth.

SPECIFICATIONS

- **Diameters:** Available in 3" thru 20" diameters with factory installed collars.
- **Made out of** aluminum 3003-0 Alloy .0060 thickness.
- **Temperature:** Tested and suitable for handling continuous operation at temperatures ranging from 10°F to 250°F.
- **Erosion:** Because the airstream is completely separated from the insulation by the duct, the possibility of fiberglass particle erosion is eliminated.
- **Thermal Efficiency:** Flexible Aluminum Duct is wrapped with a 1 1/2", 2" and 3" thick, 3/4LB fiberglass insulation (K=.29).
 (1.5" R-VALUE = 4.2)
 (2" R-VALUE = 6.0)
 (3" R-VALUE = 8.0)
- It is then sheathed with a U.L. Class 1 rated Reinforced polyester Metalized vapor barrier jacket (flame-less than 25, smoke-less than 50). Mechanical Code requirements for factory made ducting. (Chapter 6)

DIAMETER	3	4	5	6	7	8	9	10	12	14	16	18	20
BEND RADIUS	1½	2	2½	3	3½	4	4½	5	6	7	8	9	10
POSITIVE PRESSURE	1 1/2" w/collars												
NEGATIVE PRESSURE	1/2" w/collars												
MAX. AIR VELOCITY	8000 Feet Per Minute												

Job Name: _____

Location: _____

Mechanical Contractor: _____

Job No: _____

Manufacturer: _____

Date: _____