

## Semi Rigid Aluminum Flexible Duct Specifications

Semi Rigid Aluminum Flexible Duct is constructed of a special aluminum alloy that prevents corrosion and metal fatigue.

The machine fabrication produces a continuous lock seam that permits the duct to be pulled open, compressed, bent, and re-bent without developing leakage.

This duct will not delaminate or dry rot when heat-aged. It can be installed with severe bends and in unlimited lengths while maintaining an unrestricted diameter.

The product comes in conveniently boxed lengths of 5 feet to 15 feet. It is compressed to nearly 3 times its original length for convenient shipping and handling.

### Product Range

Diameters (Inches)	2, 2.5, 3, 4, 5, 5.5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20
Standard Length (Feet)	5 feet to 15 feet on expansion

### Performance Data

Parameter	Value
Flame Spread	Zero
Smoke Developed	Zero
Temperature Range	-73°C to 224°C
Maximum Velocity	5000 FPM

### 3" to 10" Diameter

Parameter	Value
Static Pressure-positive	12" W.G.
Static Pressure-negative	12" W.G.

### 12" to 20" Diameter

Parameter	Value
Static Pressure-positive	8" W.G.
Static Pressure-negative	8" W.G.
Permeance	Near Zero
Max. Installed Length	No Limit

## Feature & Benefits of Semi-Rigid Aluminum Flexible Duct

- Supplied in standard 10 ft length.
- Individually boxed packing.
- Low costs on transport and logistics.
- Easy to install.
- No special tool required for cutting or fixing.
- In case of a fire, no toxic gases are emitted.
- The products have been tested for fire resistance.

# Application of Semi-Rigid Aluminum Flexible Duct

Semi-Rigid Aluminum Flexible Duct can be used in a number of applications, including:

- Heating
- Air Conditioning
- Exhaust and Fresh Air Intakes
- Ideal for use in clothes dryer, bathroom and kitchen exhaust

---

1st Floor,#81 Silver Jubilee Park Road, Bangalore -560002

**Contact:** +91 9945243508 | +91 9880840346 | [jb\\_tradingcorp@yahoo.com](mailto:jb_tradingcorp@yahoo.com)

**Website:** [jbtradingcorporation.com](http://jbtradingcorporation.com)

A large, faint, diagonal watermark logo for J.B. TRADING CORPORATION is visible across the lower half of the page. It features a circular emblem with a stylized bird or wing design, followed by the text 'J.B. TRADING CORPORATION' in a bold, sans-serif font.