



*Atco. Working Together.  
Doing It Right.*

# ATCO SUPERFLEX

## Insulated Ducting

### Product Specification

Fully flexible, pre-insulated ducting with an inner core constructed from multiple layers of aluminized polyester laminated to encapsulate a high carbon, spring steel wire helix. The inner core is wrapped with a thick blanket of insulation and covered with an outer vapor barrier constructed from multiple layers of aluminized polyester and polyester. ATCO SUPERFLEX installs easily on circular or oval fittings. ATCO SUPERFLEX has good inherent acoustical properties.

ATCO SUPERFLEX insulated flexible ducting is designed for low to medium operating pressure in residential and commercial heating, ventilation, and air conditioning applications.

### Construction

Inner Core – multi-layer aluminized inner core with total thickness of 45 microns.

Insulation – 25mm (Greenguard Certified)

Outer Vapor Barrier – multi-layer aluminized vapor barrier with total thickness of 34 microns.

### Specifications

-30° C Minimum Temperature Exposure Limit  
+82° C Maximum Temperature Exposure Limit

Operating Pressure - from -188 to +1500 Pa

Operating Velocity - 20 m/s maximum  
Centerline Bend Radius - 1 x Dia. minimum

Standard Diameter Range - 82mm to 508mm  
Standard Length – 10 meter

### Features & Benefits

Fully Flexible Ducting  
Quick Installation  
Reduced labor cost

Air Tight Construction  
Energy efficient  
Low air leakage

Environmentally Friendly  
Low VOC emitting  
No particulate emissions

Smooth Interior  
Low friction loss  
Low operating cost

Multi-Layer Construction  
Tear & Puncture Resistant  
Low maintenance

Light Compact Packaging  
Reduced warehouse and handling cost



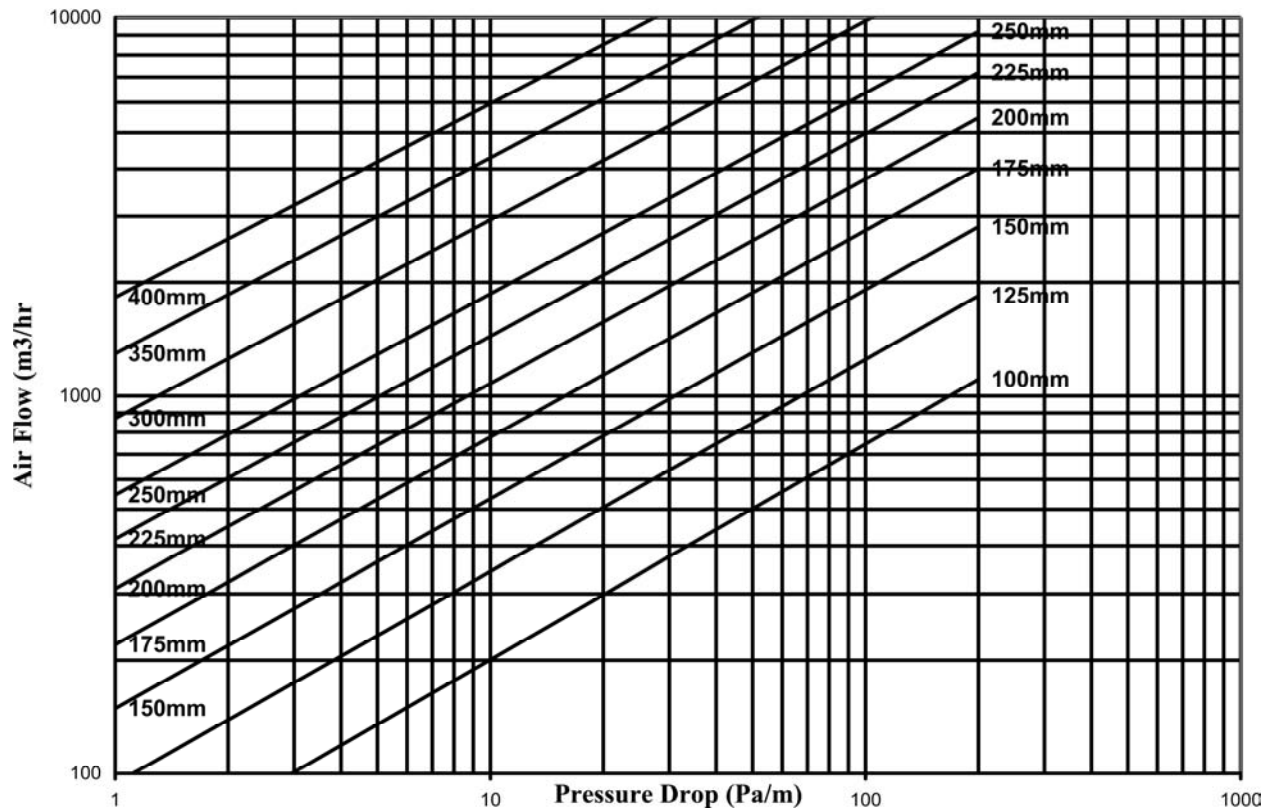


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### AIR FRICTION CHART



### Classifications

EU - EN 13180 Dia. Class B, Tightness Class C, Sag < 6°,  
Crushing Strength 10-30 kg compressed, 1.5-4 kg  
uncompressed

### Use Limitations

ATCO SUPERFLEX is not suitable for transporting air  
with high concentration of acids and base.

ATCO SUPERFLEX should not be used to discharge  
combustion gases from open fire places or oil-  
fired boilers.

### Packaging

Each 10 meter length flexible duct is  
individually compressed in cartons of 0.75  
meter.

ATCO Rubber Products, Inc.  
7101 ATCO Drive  
Fort Worth, TX 76118  
Tel: 817-595-2894  
Fax: 817-284-0425  
[www.atcoflex.com](http://www.atcoflex.com)