



*Atco. Working Together.
Doing It Right.*

ATCO 501

Non-Insulated Ducting

Product Specification

Fully flexible non-insulated air duct constructed from multiple layers of aluminized polyester laminated with flame retardant adhesive to encapsulate a high carbon, spring steel wire helix. ATCO 501 installs easily on circular or oval fittings and has an air tight construction with smooth bore for low friction loss and lower operating cost.

ATCO 501 non-insulated flexible ducting is designed for low to medium operating pressure in residential and commercial heating, ventilation, and air conditioning applications.

Construction

ATCO 501 is a multi-layer aluminized flexible duct with total thickness of 34 microns.

Appearance - Aluminized

Specifications

-15° 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 - 102mm to 508mm

Standard Length - 10 meter

Features & Benefits

Fully Flexible Ducting
Quick Installation
Reduced labor cost

Air Tight Construction
Energy efficient
Low air leakage

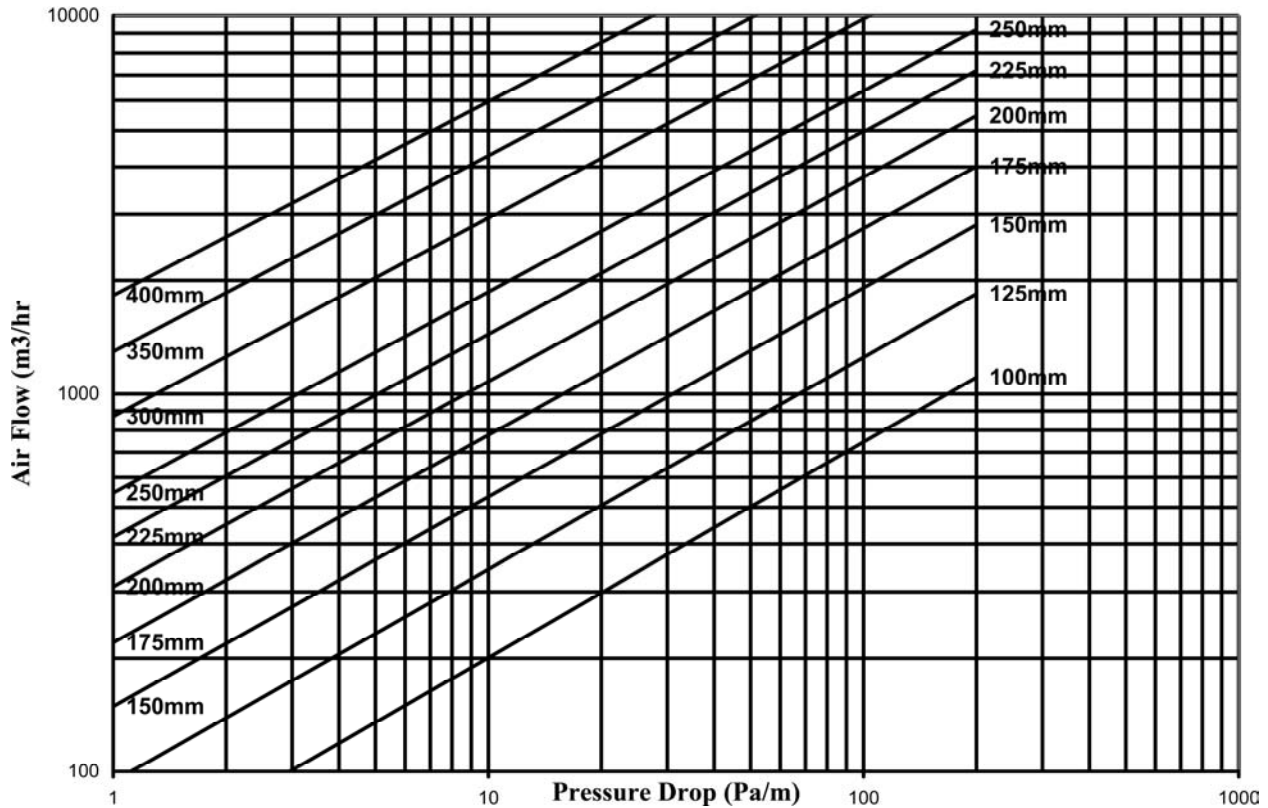
Smooth Interior
Low friction loss
Low operating cost

Multi-Layer Construction
Tear & Puncture Resistant
Low maintenance

Light Compact Packaging
Reduced warehouse and handling cost



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

ATCO 501 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 0.3
meter.

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