



**Imperial**  
FLEXIBLE DUCT PRODUCTS



# APS

## 2-PLY ALUMINUM / POLYESTER AIR CONNECTOR Non-Insulated

### Technical Data

**Codes / Standards:**

UL 181 / ULC S-110 / Class 1 Air Connector

**Operating Pressure (inches water column):**

Positive = 10 inches H<sub>2</sub>O (2.5 kPa) intermittent  
Positive = 6 inches H<sub>2</sub>O (1.5 kPa) continuous  
Negative = 1/2 inches H<sub>2</sub>O (0.5 kPa)

**Operating Temperature Range:**

@ 6 inches H<sub>2</sub>O (1.5 kPa) Positive  
Minimum = -20°F (-28°C)  
Maximum = 140°F (60°C)

@ 2 inches H<sub>2</sub>O (0.5 kPa) Positive  
Minimum = -20°F (-28°C)  
Maximum = 180°F (82°C)

@ 1/2 inches H<sub>2</sub>O (0.13 kPa) Positive  
Maximum = 250°F (121°C) intermittent

**Velocity (feet per minute):**

4,000 f.p.m. (20 m/sec)

**Available Diameters:**

3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18 inches

**Available Lengths:**

25 feet

APS-type air duct is designed for wherever UL-181 AND ULC S-110M standards for Class 1 air connector is required. The 1-Ply Aluminum / 1-Ply Polyester laminated core provides outstanding resistance and durability. APS -type air connector is suitable for use with heating, ventilation and air conditioning systems.

**Construction Materials:**

The Aluminum and Polyester are permanently bonded to a corrosion resistant spring steel wire helix.

For more information on these and other quality products manufactured by Imperial, please contact :

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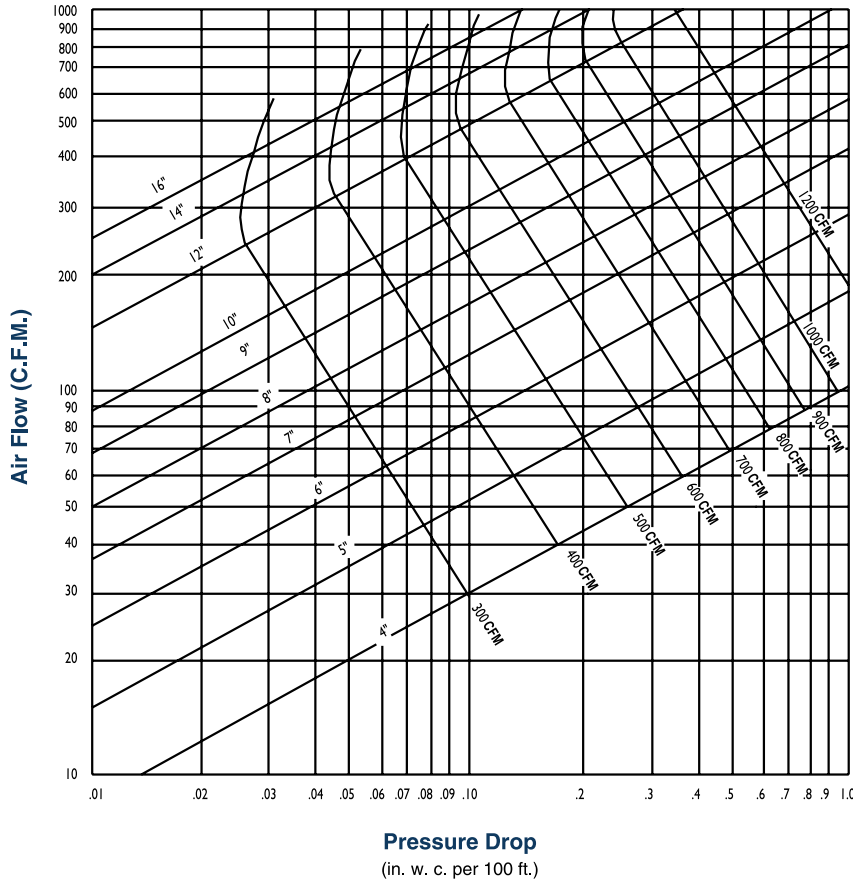


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## PRESSURE DROP CHART



### ▶ APS 2-Ply Aluminum/Polyester Air Connector

SKU#	DIMENSION/DESCRIPTION
APS-0325	3"x 25' APS Connector FOIL UL
APS-0405	4"x 5' APS Connector FOIL UL
APS-0408	4"x 8' APS Connector FOIL UL
APS-0410	4"x 10' APS Connector FOIL UL
APS-0425	4"x 25' APS Connector FOIL UL
APS-0525	5"x 25' APS Connector FOIL UL
APS-0625	6"x 25' APS Connector FOIL UL
APS-0725	7"x 25' APS Connector FOIL UL
APS-0825	8"x 25' APS Connector FOIL UL
APS-0925	9"x 25' APS Connector FOIL UL
APS-1025	10"x 25' APS Connector FOIL UL
APS-1225	12"x 25' APS Connector FOIL UL
APS-1425	14"x 25' APS Connector FOIL UL
APS-1625	16"x 25' APS Connector FOIL UL
APS-1825	18"x 25' APS Connector FOIL UL