



Imperial
FLEXIBLE DUCT PRODUCTS



MEA

2-PLY BLACK POLYESTER AIR DUCT Insulated - c/w Fiberglass Reinforced Metalized Vapor Barrier

Technical Data

Codes / Standards:

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

Operating Pressure (inches water column):

Positive = 10 inches H₂O (2.5 kPa) intermittent
Positive = 6 inches H₂O (1.5 kPa) continuous
Negative = 1/2 inches H₂O (0.5 kPa)

Operating Temperature Range:

@ 6 inches H₂O (1.5 kPa) Positive
Minimum = -20°F (-28°C)
Maximum = 140°F (60°C)

@ 2 inches H₂O (0.5 kPa) Positive
Minimum = -20°F (-28°C)
Maximum = 180°F (82°C)

@ 1/2 inches H₂O (0.13 kPa) Positive
Maximum = 250°F (121°C) intermittent

Velocity (feet per minute):

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

R-Value:

R-4.2, R-6.0, R-8.0

Surface Burning Characteristics:

Maximum Flame Spread = 25
Maximum Smoke Development = 50

Vapor Barrier Permeance:

0.04 perm (2.3 ng / s.m².Pa)

Available Diameters:

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

Available Lengths:

25 feet

MEA-type air duct is designed for wherever UL-181 AND ULC S-110M standards for Class 1 air duct is required.

The 2-ply black polyester laminated inner core provides outstanding resistance and durability. The fiberglass reinforced metalized outer jacket is extremely strong and will not unravel. MEA-type air duct is suitable for use with heating, ventilation and air conditioning systems.

Construction Materials:

Duct liner is permanently bonded to a corrosion resistant spring steel wire helix, also supporting a blanket of fiberglass insulation. Vapor barrier is an outer jacket of fiberglass reinforced metalized film laminate.

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

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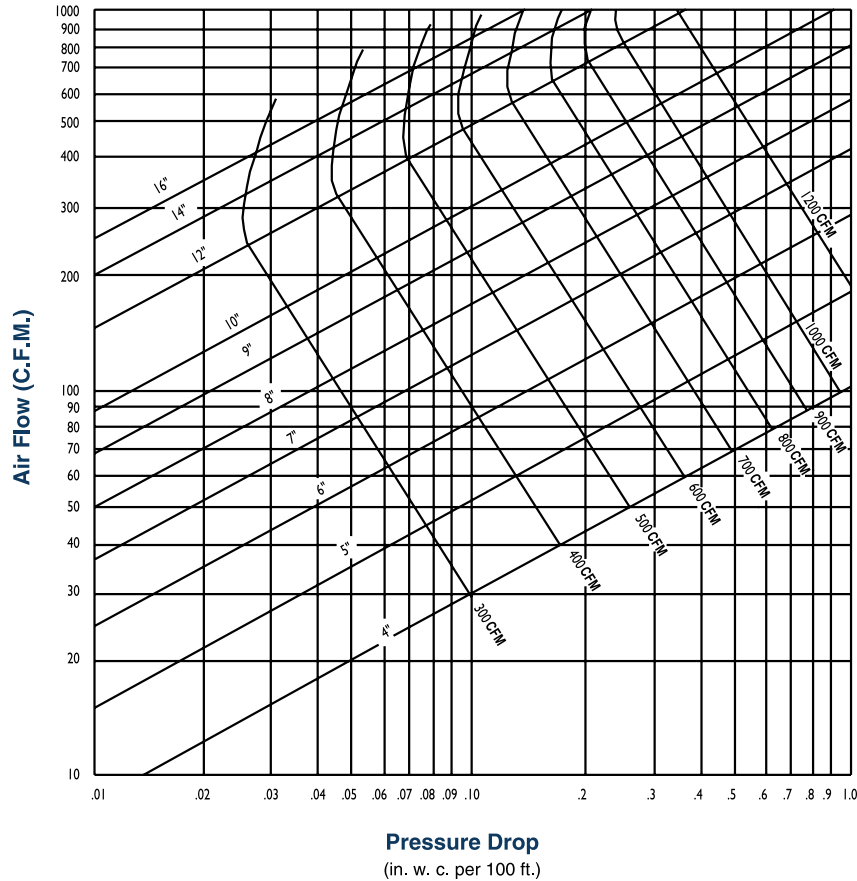


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PRESSURE DROP CHART



▶ MEA 2-Ply Black Polyester Air Duct

SKU#	DIMENSION/DESCRIPTION	INSULATION R-VALUE
MEA-0606	6"x 6' MEA Air Duct SILVER	4.2
MEA-0310	3"x 10' MEA Air Duct SILVER	4.2
MEA-0410	4"x 10' MEA Air Duct SILVER	4.2
MEA-0510	5"x 10' MEA Air Duct SILVER	4.2
MEA-0610	6"x 10' MEA Air Duct SILVER	4.2
MEA-0325	3"x 25' MEA Air Duct SILVER	4.2
MEA-0425	4"x 25' MEA Air Duct SILVER	4.2
MEA-0525	5"x 25' MEA Air Duct SILVER	4.2
MEA-0625	6"x 25' MEA Air Duct SILVER	4.2
MEA-0725	7"x 25' MEA Air Duct SILVER	4.2
MEA-0825	8"x 25' MEA Air Duct SILVER	4.2
MEA-0925	9"x 25' MEA Air Duct SILVER	4.2
MEA-1025	10"x 25' MEA Air Duct SILVER	4.2
MEA-1225	12"x 25' MEA Air Duct SILVER	4.2
MEA-1425	14"x 25' MEA Air Duct SILVER	4.2
MEA-1625	16"x 25' MEA Air Duct SILVER	4.2
MEA-1825	18"x 25' MEA Air Duct SILVER	4.2

SKU#	DIMENSION/DESCRIPTION	INSULATION R-VALUE
MEA-0325-3	3"x 25' MEA Air Duct SILVER	8.0
MEA-0425-3	4"x 25' MEA Air Duct SILVER	8.0
MEA-0525-3	5"x 25' MEA Air Duct SILVER	8.0
MEA-0625-3	6"x 25' MEA Air Duct SILVER	8.0
MEA-0725-3	7"x 25' MEA Air Duct SILVER	8.0
MEA-0825-3	8"x 25' MEA Air Duct SILVER	8.0
MEA-0925-3	9"x 25' MEA Air Duct SILVER	8.0
MEA-1025-3	10"x 25' MEA Air Duct SILVER	8.0
MEA-1225-3	12"x 25' MEA Air Duct SILVER	8.0
MEA-1425-3	14"x 25' MEA Air Duct SILVER	8.0