



MEI

2-PLY BLACK POLYESTER AIR CONNECTOR Insulated

Technical Data

Codes / Standards:

UL 181 / ULC S-110M / 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 = 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-3.1, R-4.2, R-8.0

Surface Burning Characteristics:

Maximum Flame Spread = 25
 Maximum Smoke Development = 50

Vapor Barrier Permeance:

0.10 perm (5.7 ng / s.m².Pa)

Available Diameters:

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

Available Lengths:

25 feet

MEI-type air connector is designed for wherever UL-181 and ULC S-110M standards for Class 1 air connector is required. The 2-ply black polyester laminated inner core provides outstanding resistance and durability. MEI-type air connector 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 black polyethylene.

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

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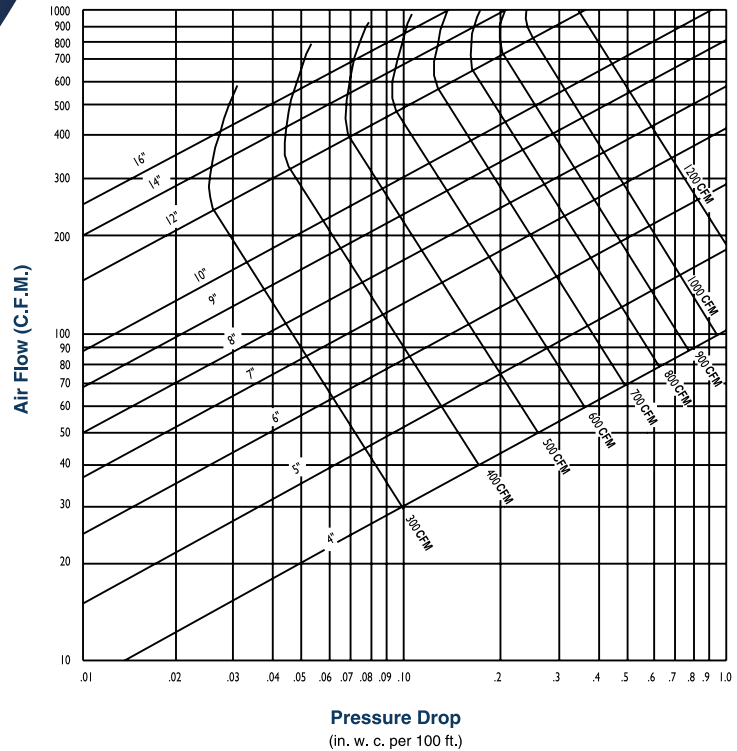
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Manufacturing Facilities :

Richibucto, NB | Dieppe, NB | Dartmouth, NS | Montreal, QC | Oakville, ON | Pickering, ON | Hamel, IL



PRESSURE DROP CHART



MEI 2-Ply Black Polyester Air Connector

SKU#	DIMENSION / DESCRIPTION	INSULATION R-VALUE	C-UL LISTED
FX0103	3" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0104	4" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0105	5" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0106	6" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0107	7" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0108	8" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0109	9" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0110	10" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0111	12" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0112	14" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0113	16" x 25' MEI Black Poly Flex WI	3.1	Yes
FX0114	18" x 25' MEI Black Poly Flex WI	3.1	Yes
MEI-0325	3" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-0425	4" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-0525	5" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-0625	6" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-0725	7" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-0825	8" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-0925	9" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-1025	10" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-1225	12" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-1425	14" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-1625	16" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-1825	18" x 25' MEI Black Poly Flex WI / 4.2	4.2	Yes
MEI-0325-3	3" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-0425-3	4" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-0525-3	5" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-0625-3	6" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-0725-3	7" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-0825-3	8" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-0925-3	9" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-1025-3	10" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-1225-3	12" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-1425-3	14" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-1625-3	16" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes
MEI-1825-3	18" x 25' MEI Black Poly Flex WI / 8.0	8.0	Yes