

Uninsulated

Description:

Peflex 4P is a certified C-UL S110 (AIR CONNECTOR) flexible air connection composed of two layers of pure aluminum and two layers of polyester encapsulating a galvanized metal wire.

Peflex 4P is corrosion resistant, completely water repellent and withstands high operating pressures. Resistance to high operating pressures is possible because of the unique quadruple lamination process. The large thickness of the walls of the internal duct (0.004 1" /0.105 mm) as well as the small distance between the wire helix (1 in, 25.2mm) allows to obtain high operating pressures (15po WC, 3.7 KPa).

Peflex 4P offers a much lower coefficient of internal friction than flexible ducts made of fabrics reducing the energy consumption of the air distribution system.

Peflex 4P offers the best flame resistance in the industry since no combustible material is visible in the internal duct. The internal and external walls of the Peflex 4P are made of pure non-combustible aluminum. In addition, the adhesive used in the quadruple lamination process contains a retarding agent.

Bending Diameter: 0 times the diameter of the pipe

Available Diameter: 3" - 4" - 5" - 6" - 7" - 8" - 9" - 10" - 12" - 14" - 16" - 18" - 19" - 20" - 22" - 24"

Standard 25" length in an 18" high box. Also available in 100' length in a dispenser box (see page 36)

Flame spread	< 25
Fume development	< 50
Maximum air velocity	4000 ft/min
Maximum continuous positive static pressure	15" H ₂ O (3.7 kPa)
Maximum continuous negative static pressure	2.5" H ₂ O (0.5 kPa) for diameter less than 6 inch
Operating temperature range	-30°F to 250°F (-30°C to 121°C)
Maximum operating temperature	-30°F to 140°F continuously (to 4" WC) -30°F to 180°F continuously (to 2" WC) -30°F to 250°F continuously (to ½" WC)
Duct wall thickness	0.004 1"/0.105mm



This product is listed
C-UL-S110 – US-UL-181
Air Connector Class 1

