

Peflex⁴PPG

Data Sheet

Noise Attenuator

Description

Peflex 4PPG is an insulated Flexible Air connector consisting of two layers of pure aluminum and of two layers of a polyester binding a galvanized wire. Peflex 4PPG is design as a sound attenuator

Peflex 4PPG is completely water and air tight, corrosion resistant and can withstand high static pressure. High static pressure resistance is achieve by having a tight distance between helix (1 inch) and by having the thicker wall in the industry (0.0041"/0,105mm).

Peflex 4PPG offer a high resistance to fire because of its unique quadruple laminating process leaving no flammable material exposed. All adhesive use in the quadruple laminating process contain fire retardant even if those material are not exposed.

Peflex 4PPG has a much lower friction loss than regular cloth duct reducing the energy required by the system to move the air.

Peflex 4PPG use John Manville Flexglass Formaldehyde free Insulation. John Manville Insulation is not an hazardous substance or mixture.

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

Standard length of 25 feet in a 48 inch box

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-Flame Spread	< 25
-Fume Spread	< 50
-Maximal Speed	4000 pi/minute
-Maximum Static Pressure in Continued Mode	15" H ₂ O (3,7 kPa)
-Maximal Negative Static Pressure in Continued Mode	1" H ₂ O (0.13 kPa)
-Operative Temperature Range	-30°F à 250°F (-30°C à 121°C)
-Maximum Temperature Ranges in Continued Mode	-30°F à 140°F en continue (à 4"WC) -30°F à 180°F en continue (à 2"WC) -30°F à 250°F en continue (à ½"WC)
-Insulation Available R Value	4,2 - 6 - 8,4
- Vapor Barrier Material	Polyethylene
-Core Wall Thickness	0.0095" (0,23mm)
-Vapor Barrier Thickness	0.003" (0,0762mm)



This Product is listed
C-UL-US-S-110 – US-UL-181
Air Connector class 1