

Thermally Insulated

Description:

Peflex 5 PA is a certified C-UL S110 (AIR DUCT) insulated flexible air duct composed of two layers of polyvinyl reinforced with a fiberglass fabric. The 5PA is designed to resist tearing and friction.

Peflex 5 PA is corrosion resistant, completely water repellent and withstands high operating pressures. Resistance to high operating pressures is made possible by the unique quadruple lamination process. The large wall thickness (0.008 1" / 0.205 mm) of the internal duct as well as the small difference between the wire helix (1 in, 25.2mm) allows high operating pressures (15 in WC, 3.7 KPa).

Peflex 5 PA has a vapor barrier composed of two layers of metallized polyester laminated with fiberglass for intensive puncture resistance. This type of vapor barrier is mandatory for the designation "flexible air duct" according to the C-UL S110 test standard (AIR DUCT).

Peflex 5 PA offers a much lower coefficient of internal friction than flexible ducts made of fabrics reducing the energy consumption of the air distribution system.

Bending Diameter: 0 times the diameter of the pipe.

Insulation: John Manville Flex-Glass certified formaldehyde-free and non-hazardous to health (see technical sheet)

Available diameter : 3" - 4" - 5" - 6" - 7" - 8" - 9" - 10" - 12" - 14" - 16" - 18" - 19" - 20" - 22" - 24"
Standard 25' length in a 28" box.

Flame spread	< 25
Fume development	< 50
Maximum air velocity	5500 in/min
Maximum continuous positive static pressure	15 po. H ₂ O (3,73 KPa)
Maximum continuous negative static pressure	10 po H ₂ O (2.49 kPa) dia: up to 12 in 5 po H ₂ O (1.24 kPa) dia: 14 in to 16 in 1 po H ₂ O (0.249 kPa) dia: 18 in to 20 in
Temperature range	-30°F to 250°F (-30°C to 121°C)
Maximum operating temperature range	-30°F to 140°F continuously (at 4" WC) -30°F to 180°F continuously (at 2" WC) -30°F to 250°F continuously (at ½" WC)
R coefficient of insulation	R4.2 (1.25" standard thickness) R6 (1.5" standard thickness) R8.4 (2.5" standard thickness)
Vapor barrier material	Metallic polyester
Flexible duct wall thickness	0.0081" /0.205 mm
Vapor barrier thickness	0.0037" /0.095 mm



This product meets the standards
NFPA 90A
NFPA 90B



This product is listed
C-UL-S110 – US-UL-181
Flexible duct
Class 1