

## Aluminum Foil Tape PEM7105AH

### PRODUCT DESCRIPTION

Foil-PE Mesh backing (Closer PE Mesh), combined with thicker improved synthetic rubber-resin adhesive, protected by an easy-release silicone release paper.

### FEATURES

- Foil-PE Mesh backing provides excellent reflection of both heat and light.
- High quality adhesive with super strong adhesion and holding power offers reliable and durable Foil-PE Mesh Facing joints and seams sealing in HVAC ductwork application.
- Low moisture vapor transmission rate makes FEM7105AH an excellent vapor barrier.
- Service Temperature range from -20 ~ +80 °C (-4~ +176 °F).

### TYPICAL PHYSICAL PROPERTIES

| PROPERTIES           | METRIC       | ENGLISH       | TEST METHOD            |
|----------------------|--------------|---------------|------------------------|
| Backing Thickness    | 125 Micron   | 5.0 Mil       | PSTC-133 / ASTM D 3652 |
| Total Thickness      | 200 Micron   | 8.6 Mil       | PSTC-133 / ASTM D 3652 |
| Adhesion to Steel    | 25 N/25mm    | 90 Oz./In.    | PSTC-101 / ASTM D 3330 |
| Tack Rolling Ball    | 5 cm         | 2.0 In.       | PSTC-6 / ASTM D 3121   |
| Tensile Strength     | 100 N/25mm   | 26 Lb/In      | PSTC-131 / ASTM D 3759 |
| Elongation           | 25.0%.       | 25.0%         | PSTC-131 / ASTM D 3759 |
| Service Temperature  | -20 ~ +80 °C | -4 ~ +176 °F  | -----                  |
| Applying Temperature | +10 ~ 40 °C  | +50 ~ +105 °F | -----                  |

### TYPICAL APPLICATIONS:

HVAC industry for joining and sealing Foil-PE Mesh laminated fiberglass blanket / duct board / pipe section joints and seams; joining and sealing flexible air duct seams and connections.