

# AEROFLEX<sup>®</sup> - A AEROTAPE<sup>®</sup>



**The High Quality Self Adhesive  
EPDM Insulation Foam Tape**

# AEROTAPE®

## The High Quality Self Adhesive EPDM Insulation Foam Tape



**AEROTAPE®** is the flexible and self-adhesive insulation foam tape, which is made from closed cell elastomeric EPDM material.

Ideal for wrapping hot or cold pipings and fittings. Energy saving and very easy to use. Excellent for preventing condensation problems. Designed specially for retarding heat loss in hot pipings and preventing heat gain or frost formation on cold, chilled water pipings or refrigeration lines.

Adheres firmly to all metals. No problem of delamination. AEROTAPE is specially coated with selected acrylic pressure sensitive adhesive providing long service life.

### SPECIFICATION :

Size : 1/8" thick, 2" wide and 30' long per roll  
(3 mm.x 50mm.x 9.1 m.)  $\pm 3\%$   
(other sizes available on request.)

### PACKAGING:

One roll of Aerotape wrapped in a plastic bag and packed in one individual box. (20 boxes in one carton)

### PHYSICAL PROPERTIES:

Composition	: Closed cell, elastomeric EPDM thermal insulation material
Color	: Black
Density	: $5 \pm 1$ pounds per cubic feet. ( $0.06 \sim 0.10 \text{ g/cm}^3$ ) ASTM D-1667
Thermal Conductivity	: $0.26 \text{ BTU. in/ft}^2 \text{ hr. } ^\circ\text{F}$ at $75 ^\circ\text{F}$ ( $0.04 \text{ W/mk}$ at $24 ^\circ\text{C}$ ) (ASTM C-177)
Water Absorption	: Max 5% by weight (ASTM D-1056)
Water Vapor Permeability	: $0.12 \text{ Perm-inch.}$ (ASTM E-96)
Temperature Range	: $-20 ^\circ\text{F}$ to $+200 ^\circ\text{F}$ ( $-29 ^\circ\text{C}$ to $+93 ^\circ\text{C}$ )



### THICKNESS TO PREVENT CONDENSATION:

Ambient Temperature and Relative Humidity	Pipe Temperature	
	50 °F (10 °C)	35 °F (2 °C)
80 °F (27 °C) & 50% RH	Single Layer	50% Overlap
85 °F (30 °C) & 70% RH	50% Overlap Plus Single Layer	50% Overlap Plus 50% Overlap

Tolerance -  $3\text{mm} \pm 0.5$

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