



## Aerotape™

EPDM Foam Tape for Aerocel®  
Closed-Cell Elastomeric Insulation

HVAC | Refrigeration | Hot & Cold-Water Piping  
Flexible, self-adhering foam tape for applying directly over metallic piping and glued insulation seams of Aerocel tube, sheet & roll insulation.  
Available in 1/8" thick x 2" wide x 30' long rolls (black).

### Reliable performance

- Adheres firmly to metal substrates and Aerocel insulation
- Flexible
- Controls condensation over glued insulation seams
- Saves energy: minimizes heat gain/loss
- Wide service temperature range: -70°F to 200°F (-57°C to 93°C)
- Naturally UV-resistant\*

### Safe for indoor environments

- Fire Safety: self-extinguishing
- No CFC's, HFC's, HCFC's, PBDE's, nitrosamine or fibers
- Non-corrosive on stainless steel and copper piping
- Naturally mold-resistant; no added biocides required
- Ultra-low PVC content – less than 1%

### Aeroflex insulation system solutions



**Aerofix®**  
Light-weight, rigid pipe supports, pre-insulated with closed-cell EPDM foam rubber and encased with zero-perm EPDM polymer membrane. Includes built-in pressure sensitive Protape® closure system.



**AeroFit™**  
Pre-fabricated fitting covers made of closed-cell EPDM rubber for fast installation on HVAC and plumbing piping.



**Aeroflex Adhesives**  
Specially formulated adhesives for bonding and vapor-sealing Aerocel insulation. Fast tack and LVOC formulations available.



\*For exterior applications, Protape® zero-perm EPDM rubber tape is recommended.



**Product:** EPDM-based (Ethylene Propylene Diene Monomer) self-adhering foam tape for insulating HVAC, refrigeration and hot/cold water piping systems.

**Installation Instructions:** [www.aeroflexusa.com/wp-content/uploads/2021/06/Aeroflex\\_Installation-Guide\\_062521-1.pdf](http://www.aeroflexusa.com/wp-content/uploads/2021/06/Aeroflex_Installation-Guide_062521-1.pdf)

### Physical and Operational Properties

Property	Test Value/Rating	Test Method
Thermal Conductivity @ 75°F mean temperature	.26 Btu.in/hr.ft <sup>2</sup> .°F	ASTM C518
Service Temperature, CONTINUOUS	-70°F to 200°F -57°C to 93°C	ASTM C411 <sup>1</sup>
UV Resistance	Pass	ASTM G7
Ozone Resistance	Pass	ASTM D1171
Water Absorption (% by weight), Max	5%	ASTM D1056
Water Vapor Permeability, Max	0.10 perm-inch	ASTM E96
Density (lbs/ft <sup>3</sup> )	4-6	ASTM D1667
Fire Safety Characteristics	Self-extinguishing	ASTM D635
Adhesion peel strength, Min (at 180° angle)	1.15 lbs/in	ASTM D3330-04
Tensile Strength, Min	29 psi	ASTM D412-15a
Elongation, Min	136%	ASTM D412-15a

<sup>1</sup> AEROCEL flexibility begins to decrease at -70°F and below. This does not impact the insulating properties of the material.

### Additional Approvals, Compliances, Etc.

ANSI/ASHRAE/IES Standard 90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings
ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1	International Green Construction Code® (igCC®)
CA Title 24	California Building Energy Efficiency Standards
IECC®	International Energy Conservation Code®
MEA #171-04-M	City of New York Material and Acceptance Pipe Insulation

### Potential LEED® Credit Contributions

Energy & Atmosphere (EA)	Prerequisite: Minimum Energy Performance Credit: Optimize Energy Performance
Indoor Environmental Quality (EQ)	Credit: Low-Emitting Materials Credit: Indoor Air Quality Assessment Credit: Thermal Comfort Credit: Acoustic Performance
Innovation (IN)	Credit: Occupant Comfort Survey

BSD  
SpecLink



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