



Aerotape™

EPDM Foam Tape for Aerocel®
Closed-Cell Elastomeric Insulations

HVAC | Refrigeration | Hot & Cold-Water Piping
Flexible, self-adhering foam tape for wrapping hot and cold pipes, tubes and fittings.

Available in 1/8" thick x 2" wide x 30' long rolls (black).

Superior performance

Adheres firmly to metal substrates and Aerocel insulation

Low-perm: controls condensation and reduces probability of corrosion under insulation (CUI)

Minimizes heat gain/loss

Wide service temperature range: -70°F (-57°C) to +200°F (+ 93°C)

Naturally UV-resistant

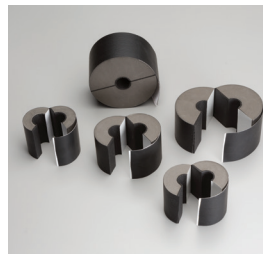
Safe for indoor environments

No CFC's, HFC's, HCFC's, PBDE's, Nitrosamine or fibers

Naturally mold-resistant; no added biocides required

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

All-inclusive insulation 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.



Aeroflex Adhesives

Specially formulated adhesive for bonding of Aerocel insulations. Fast tack and LVOC formulations available.



Aerocoat™

Low-VOC decorative and UV-protective coating for all Aerocel insulations.



Physical and Operational Properties

Property	Test Value/Rating	Test Method
Thermal Conductivity @ 75°F mean temperature	.26 Btu.in/hr.ft ² .°F	ASTM C518
Service Temperature, CONTINUOUS	-70°F to +200°F -57°C to +93°C	ASTM C411 ¹
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 ³)	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

Additional Approvals, Compliances, Etc.

ANSI/ASHRAE/IES Standard 90.1 IECC®	Energy Standard for Buildings Except Low-Rise Residential Buildings International Energy Conservation Code®
ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1	International Green Construction Code® (igCC®)
CA Title 24	California Building Energy Efficiency Standards
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

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

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