

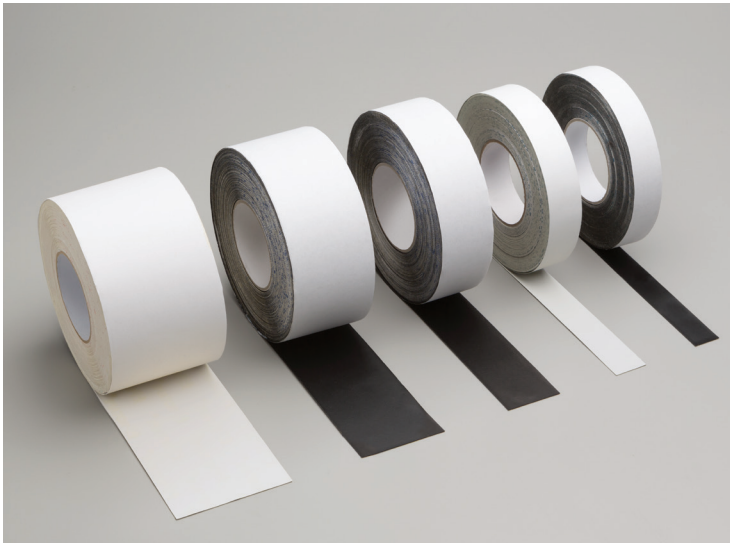
Protape®

EPDM Rubber Tape for Aerocel® Closed-Cell Elastomeric Insulations

HVAC | Refrigeration | VRF | Chilled Water
Hot & Cold-Water Piping

Zero-perm, 24-mil thick rubber tape for covering all glued seams of Aerocel® closed-cell elastomeric insulation tubes, sheets and rolls. Adds an extra layer of superior EPDM (Ethylene Propylene Diene Monomer) security at seams.

Available in rolls ranging from 1"- 5" wide x 82' long in most Aerocel EPDM closed-cell elastomeric foam formulations - Black, White/ Gray and Ultra Low Perm (ULP®).



Superior performance

Tenacious bonds

50% elongation - will stretch up to 50% of its length without tearing

Zero-perm: Built-in vapor barrier prevents moisture from entering insulation at glued seams, protecting against corrosion under insulation (CUI)

Wide service temperature range: -70°F (-57°C) to +257°F (+ 125°C)

Expands & contracts at same rate as Aerocel insulations

Naturally UV-resistant

Safe for indoor and outdoor environments

Superior fire safety - 25/50 rated and self-extinguishing

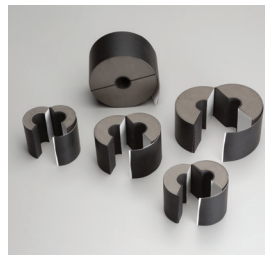
Non-corrosive on copper and stainless steel piping

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

GREENGUARD Gold Certified for low chemical emissions (Low-VOC)

Naturally mold-resistant; no added biocides required

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.



Product: EPDM-based (Ethylene Propylene Diene Monomer) self-adhering rubber tape for insulating HVAC, refrigeration, VRF, chilled water and hot/cold water piping systems. Thickness = .024 mil (+/- .004 mil).

Physical and Operational Properties

Property	Test Value/Rating	Test Method
Service Temperature	-70°F to +257°F -57°C to +125°C	Upper Limit: ASTM C 411
UV Resistance	Pass	ASTM G 7
Ozone Resistance	No cracking	ASTM D 1171
Water Vapor Permeability	0.00 perm-inch	ASTM E 96
Water Absorption (weight %)	0.2%	ASTM E 209
Flammability, Smoke Density	Class V-0	UL-94
	25/50	ASTM E 84
	Pass	NFPA 90A/90B
	Self-extinguishing	ASTM D 635
Corrosion of copper, stainless	Non-corrosive/Pass	DIN 1988/ASTM C 692
Nitrosamine Contents	Not detected	U.S. FDA CPG No. 7117.11 BSEN 12868

Additional Approvals, Compliances, Etc.

ANSI/ASHRAE/IES Standard 90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings
IECC®	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
CDPH Specification 01350	California Department of Public Health (VOC Emissions)
LEED®	U.S. Green Building Council - Leadership in Energy and Environmental Design
REACH	European Chemicals Agency (ECHA) - Registration, Evaluation, Authorization and Restriction of Chemicals
RoHS	European Union - Restriction of Hazardous Substances

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.

Find us in

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