



Cel-Link II®

Patented

Glueless Seam Seals for AEROFLEX EPDM™ Pipe Insulation





Cel-Link II[®]

Glueless Seam Seals

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

AEROFLEX Cel-Link II is a high strength, low VOC, fast and easy-to-apply method for joining the circumferential seams (butt joints) between sections of AEROFLEX EPDM™ elastomeric pipe insulation.

AEROFLEX Cel-Link II uses a specially formulated, acrylic adhesive engineered to perform in low/high-temperature environments and is designed for applying AEROFLEX EPDM™ insulation materials in conditions where wet-applied contact adhesive methods cannot be used - as low as 0°F (-18°C).

AEROFLEX Cel-Link II is available in pipe sizes ranging from 1/2" through 2" and ID's from 1/4" to 10" IPS.

Superior performance

Saves time when compared to wet-applied adhesives

Strong peel adhesion & tensile strength

Installation temperatures down to 0°F (-18°C)

Zero-perm (when covered with Protape[®])

Safe for interior and exterior environments

Superior fire safety - 25/50-rated

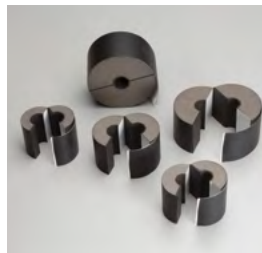
GREENGUARD Gold Certified for low chemical emissions

Environmental Product Declaration (EPD)

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



AEROFLEX EPDM™ insulation system solutions



Aerofix[®]

Light-weight, rigid pipe supports, pre-insulated with high-density, load-bearing closed-cell foam and encased with zero-perm EPDM polymer membrane. Includes built-in pressure sensitive Protape[®] closure system.



AeroFit™

Pre-fabricated insulation fittings made of AEROFLEX EPDM™ rubber for high-quality installation on HVAC and plumbing piping.



Courtesy of Nelson Insulation Company

Protape[®]

Zero-perm, EPDM-based, self-adhering rubber tape for sealing adjoining seams and termination points.



AEROFLEX[®] Adhesives

Specially formulated adhesives for bonding and vapor-sealing AEROFLEX EPDM™ insulation. Fast tack and LVOC formulations available.



Aerocoat[®]

Premium insulation coating specially formulated for AEROFLEX EPDM™ insulation to provide UV protection for exterior applications and as a decorative finish.

Product: High-strength, acrylic self-adhering, glueless seam seals for bonding circumferential seams of AEROFLEX Self-Seal™ pipe insulation.

Installation Instructions:



Physical and Operational Properties

Property	Test Value/Rating	Test Method
Fire Response Characteristics	15-Flame Spread / 0-Smoke Developed	ASTM E84, UL723
Peel Adhesion	50 oz./inch	ASTM D3330
Quick Stick	19 oz./inch	PSTC 5
Water Penetration Rate, gm/hr·m ²	0	ASTM D3816
Water Vapor Penetration, gm/hr·m ²	0	ASTM D3816
Minimum Installation Temperature	0°F (-18°C)	Internal
Continuous Service Temperature Range	-50°F to 257°F (-45°C to 125°C)	Internal
Accelerated Aging, 80% RH, 150°F	No Release	ASTM D3611
Tensile Strength	No Separation, >72 hrs.	Suspended Load, 2.2 Lbs.(1kg)
VOC Emissions	< 0.5 mg/m ³	CDPH Standard Method v1.2

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

Additional Approvals, Certifications & Compliance

ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1	International Green Construction Code® (igCC®)
ANSI/ASHRAE/IES Standard 90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings
CA Title 24	California Building Energy Efficiency Standards
California Specification 01350	VOC Emissions, CDPH Specification v1.2
EPA	Toxic Substances Control Act (TSCA) Persistent, Bioaccumulative, and Toxic (PBT) Chemicals, Per- and Polyfluoralkyl Substances (PFAS)
IECC®	International Energy Conservation Code®
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
Materials & Resources (MR)	Credit: Building Product Disclosure and Optimization - Environmental Product Declarations (EPD), Product Specific Type III
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

