AEROFLEX®

Aeroseal LVOC™ Black
Professional Grade Low-VOC Contact Adhesive

Low VOC

BUY AMERICAN COMPLIANT

AEROFLEX™

Aeroseal LVOC Black

GRADE LOW-VOC CONTACT ADHESIVE

WARNING! Highly Flammable liquid and vapor. See back label for all precautions and instructions.

¡ADVERTENCIA! Líquido y vapor altamente inflamables. Consulta la etiqueta posterior para todas las precauciones e instrucciones.

STIR WELL!

Made in the USA

AEROFLEX™

Aeroseal LVOC Black

PROFESSIONAL GRADE LOW-VOC CONTACT ADHESIVE

For sealing joints and seams on all Aeroflex EPDM-formulated pipe and sheet insulations. Low-VOC Formula

Brush-top

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¡ADVERTENCIA! Líquido y vapor altamente inflamables. Consulta la etiqueta posterior para todas las precauciones e instrucciones.

STIR WELL!

1 Pint (473 mL)   Made in the USA

Aeroseal LVOC™ Black

Low-VOC Contact Adhesive
Best choice for LEED® and Living Building Challenge (LBC) projects

HVAC | Refrigeration | VRF | Chilled Water
Duct Liner | Ductwrap | Hot & Cold-Water Piping

Aeroseal LVOC Black is a low-VOC special purpose contact adhesive specially formulated for bonding adjoining seams of AEROFLEX EPDM™ insulation and suitable substrates.

Colors: Black

Sizes: Gallon, pint (brush-top).

Courtesy of Breeding Insulation Company

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.

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

Aerocoat™
A premium specialty coating for exterior weather protection and as a decorative finish.

Aerocoat LVOC™
A low-VOC UV protective coating, best choice for LEED® and LBC projects.

Fast, simple to install

Tack times of 3-5 minutes (depending on ambient conditions)

Instantly bonds once dry to the touch

Tapes and coatings can be applied immediately after installation

Superior performance

Strong tenacious bonds

High water vapor resistance

Properly sealed seams minimize likelihood of corrosion under insulation (CUI)

Safe for indoor environments

Low-VOC content and emissions

Indoor Advantage™ Gold Certified for low chemical emissions

Complies with LEED® VOC requirements for interior-applied and exterior-applied adhesives

LBC Red List-compliant

Verified Environmental Product Declarations (EPD)

Product: Synthetic rubber-based contact adhesive for bonding AEROFLEX EPDM™ insulation to itself and to clean suitable substrates such as metal.

Application: Stir contents thoroughly before use. Do not thin. Apply thin even coat to both clean and dry surfaces with short-bristle brush or adhesive roller. <u>Allow short tack time (3-5 minutes or more depending on ambient conditions) *until dry to the touch (no transfer)* before applying both glued surfaces together</u>. The bond is immediate with no adjustability. Moderate pressure should be applied over the entire area to ensure complete contact and a vapor seal.

Aeroseal LVOC should be applied when ambient and surface temperatures are above 40°F (4°C) and below 100°F (38°C). Do not allow to freeze.

If adhesive was dry to the touch prior to contact, glued seams may be covered with Protape® and full-coverage applications may be coated with Aerocoat™ or Aerocoat LVOC® immediately after installation.

Read all warnings on product label before use.

Clean Up: Use acetone to clean adhesive residue from tools.

Physical Properties

Composition (Black)	Synthetic rubber base with added resins and fillers
Solids Content	Approximately 26% by weight
Net Weight	7.0 lbs/gal
VOC	Content 0.4 g/L, Emissions < 0.5 mg/m3
Red List Chemicals	Zero
Service Temperature Range	-20°F to 257°F (piping), 200°F (sheets & rolls)
	-28°C to 125°C (piping), 93°C (sheets & rolls)
Surface Buring/Flammability	< 25/50 (ASTM E84)
Tack Time	3-5 minutes (dry to touch, no transfer)
Dry Time	Immediate (upon contact)
Coverage	Up to 200 ft2/gal
Storage	60°F to 80°F (16°C to 27°C), protect from freezing
Shelf Life	1 year (date of purchase)

Additional Approvals, Compliances, Etc.

California Specification 01350	VOC Emissions, Standard Method v1.2
SCAQMD Rule 1168	Low-Emitting Materials, VOC Content, Adhesives and Sealants
Materials & Resources (MR)	Credit: Building Product Disclosure and Optimization - Environmental Product Declarations (EPD), Product Specific Type III
Materials Red List	International Living Future Institute (ILFI) Living Building Challenge (LBC) standard

Potential LEED® Credit Contributions

Indoor Environmental Quality (EQ)	Credit: Low-Emitting Materials, Interior and Exterior-Applied Adhesives

Proud Member of NIA National Insulation Association®   BSD SpecLink   Sustainable Minds® Transparency Catalog