



WHY AEROFLEX USA?

Aeroflex USA is the American manufacturer of the AEROFLEX® brand of EPDM (ethylene propylene diene monomer) closed-cell elastomeric foam pipe, duct and equipment insulation for HVAC, refrigeration, and plumbing systems.

• AEROFLEX EPDM™ is...

- **Nonpolar** and **hydrophobic**: repels moisture, does not induce or react with water
- Composed of a **closed-cell structure** with **built-in vapor retarder**
- **Thermally efficient**: thermal-k value of 0.245 @ 75°F (ASTM C177, C518)
- **Resists vapor drive** (0.02 perm-inch per ASTM E96)
- **Cold weather rated**; Self-Seal Pipe Insulation & Tape approved for installation to 0°F [-18°C]
- Inherently more **UV-resistant** than traditional NBR/PVC rubber (ASTM G7, D1171)
- Offers a **higher continuous operating temperature** than NBR/PVC rubber at **257°F [125°C]** (ASTM C411)
- **Non-corrosive** when installed over **stainless steel** systems (ASTM C692)
- **Naturally microbial-resistant**: no biocides added (ASTM C1318, G21, UL 181 Section 13)
- Passes **25/50** flame spread/smoke-developed index up to **2" [50 mm]** thick (ASTM E84, UL723, CAN/ULC-S102, NFPA 90A/B)
- **Self-extinguishing** (ASTM D635)
- **FM Approved** (AEROFLEX®-EP)
- **AEROFLEX Self-Seal®** is available in pre-formed, pre-slit tubes in pipe sizes up to **6" IPS**
- **AEROFLEX Self-Seal LDP™** is available in pre-formed, pre-slit tubes in pipe sizes from **8" to 16" IPS**
- **GREENGUARD Gold Certified** for low chemical emissions
- Compliant with **EPA TSCA**
- Compliant with **REACH and RoHS**
- **Build America, Buy America (BABA)** compliant
- **Buy American** compliant
- **Made in USA** with global materials



• Hermetic Single-Source Warranted System Solutions

- **AEROFLEX Self-Seal® & AEROFLEX Self-Seal LDP™** Pre-slit tubes
- **AEROFLEX Breathe-EZ® EPDM Duct Insulation** – Fiber-free, Listed & Labeled, Plenum-rated
- **AEROFLEX EPDM™ Sheets & Rolls** and **AEROFLEX EPDM™ Sheets & Rolls with PSA**
- **AEROFLEX®-EP** (FM Approved)
- **AeroFit™** factory fabricated EPDM insulation fittings (standard and mechanical grooved)
- **Aerofix®** insulated pipe supports
- **AEROFLEX® Adhesives** – **Aeroseal, Aeroseal LVOC™ Black** and **REF 1520™**
- **AEROFLEX Self-Seal® Seam Tape** – approved for installation to 0°F [-18°C]; formulated with Avery Dennison COLD TOUGH™ Adhesive Technology
- **Protape®** EPDM seam tape; can be installed immediately over glued seams (**Aeroseal, Aeroseal LVOC™ Black**)
- **Aerocoat LVOC®** insulation coatings; can be installed immediately over glued seams (**Aeroseal, Aeroseal LVOC™ Black**)

• **Dedicated Mechanical Engineering Support:** find us in MasterSpec® and SpecLink

• **Deep Commitment to Inventory and Customer Service**



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