

Intermittent Operating Temperatures to 300°F (150°C)

EPDM rubber compound is formulated in specific grades for numerous commercial and industrial uses. Each grade offers trade-offs when it comes to HVAC/R and Plumbing applications - differing performance characteristic such as thermal conductivity, water vapor permeability, and upper continuous operating temperature limits.

AEROFLEX EPDM™ closed-cell elastomeric pipe insulation is engineered for a continuous upper operating temperature of 257°F/125°C. We are often asked if AEROFLEX is rated for 300°F/150°C applications.

Aeroflex USA has tested and approved the following AEROFLEX® product lines for piping applications with intermittent operating temperatures up to 300°F/150°C, for up to 30 minutes, within a 24-hour period (daily or periodic):

- AEROFLEX Self-Seal™ and LDP™ Pipe Insulation
- AEROFLEX EPDM™ Standard Tubes
- AEROFLEX®-EP (FM Approved) Pipe Insulation
- AEROFLEX EPDM™ Continuous Tubes
- AEROFLEX® White/Gray Standard & Self-Seal Tubes
- AeroFit™ EPDM Insulation Fittings
- Aerofix® Insulated Pipe Supports
- AeroSeal Adhesive
- AeroSeal LVOC™ Black Adhesive
- REF 1520™ Adhesive

This approval does not apply to AEROFLEX EPDM Sheets, Rolls, or Breathe-EZ Duct Insulation on piping, ductwork, and equipment. The reason for this position is that our adhesives are rated up to 180°F/82°C for full spread, 257°F/125°C for seams, and PSA to 240°F/115°C.

This limitation also applies to sheets & rolls installed over large piping with glued seams only. The seams will likely soften and pull apart due to tension from the weight of rolls.

For installation details, please reference the [AEROFLEX Installation Guide](#).