

AEROFLEX ADHESIVES & TAPES

Aeroseal Adhesive & Tapes

Seam bonding, vapour sealing and termination for elastomeric insulation systems

125 °C
**AEROSEAL MAX
CONTINUOUS**

On piping; 93 °C on sheet and roll

3–4.5
M² PER LITRE

Both surfaces coated

1.25
KG/CM² BOND STRENGTH

Minimum, 5–15 min open time

8
TAPES IN RANGE

EPDM, cork, foil and vapour

DESCRIPTION

A vapour barrier is only as good as its joints. Aeroseal is a solvent-based modified neoprene contact adhesive formulated to bond and vapour-seal the adjoining seams of Aeroflex tube, sheet and roll, and to bond insulation to metal, PVC, melamine, cork board and rubber sheet. The tape range finishes the job — self-adhesive EPDM foam for wrapping fittings and awkward shapes, Protape for sealing glued seams and terminations, cork tape for cold lines and gasketing, and aluminium foil and reinforced vapour tapes for ductwork.

AEROSEAL ADHESIVE — AIRAA5M

Type	Modified neoprene contact adhesive	Coverage	3 – 4.5 m ² per litre both surfaces coated
Appearance	Black viscous liquid	Bond strength	Min. 1.25 kg/cm ² , 5–15 min open time
Total solids	22 ± 2%	Max continuous temp.	125 °C piping; 93 °C sheet/roll
Viscosity at 25 °C	3,500 – 4,500 cps	Pack	500 ml can with brush
Specific gravity	0.88 – 0.90	Storage & shelf life	+5 to +35 °C, 6 months sealed

TAPE RANGE

ASE CODE	PRODUCT	SIZE	MATERIAL AND USE
AIRAEROTAPE-25M	Aerotape	25 m × 50 mm	Self-adhesive EPDM foam — wrapping fittings, hot and cold pipe
AIRAEROTAPE-9M	Aerotape	9 m × 50 mm	As above, short roll
AIRPROTAPE-25MM	Protape	25 m × 25 mm	Sealing glued seams and termination points
AIRPROTAPE-50MM	Protape	50 m × 25 mm	As above, long roll
AIRAIRTAPE	Everseal cork tape	9 m × 50 mm	Cork — cold lines, sound damping, gasketing. –29 to +93 °C
AIRALUTAPE63	Aluminium foil tape	45 m × 63 mm	Acrylic adhesive foil — vapour sealing duct board and sheet metal
AIRALUTAPE75	Aluminium foil tape	45 m × 75 mm	As above, wider
AIRVAPASTOP	Reinforced vapour tape	50 m × 75 mm	Aluminium reinforced — heavier duty vapour sealing

Stock holding and lead time vary by line — confirm current availability before ordering.

APPLYING AEROSEAL

- Surfaces must be dry, clean and free of dust, grit, oil and grease.
- Stir well, then brush a thin even coat onto **both** joining surfaces.
- Allow the solvent to flash off until the film is dry to the touch but still tacky — normally 5 to 30 minutes.
- On absorbent materials such as Aeroflex insulation or cork, join within 2 minutes of that point; on non-absorbent surfaces such as metal or rubber, allow at least 5 minutes.
- Press together under firm pressure, then seal the finished seam with Protape.

SAFETY AND COMPATIBILITY

Aeroseal is a flammable solvent-based product. Work in well ventilated areas and avoid inhaling vapour. Keep away from fire and from materials such as paper, cloth and plastic that may cause fire. The dried film is self-extinguishing; the liquid is not. **Read the Safety Data Sheet before use.**

Not for Aeroflex-HT. Standard Aeroseal is not rated for +150 °C service. Aeroflex-HT installations require the high-temperature adhesive AA2MTFHT or AA7MTFHT — order separately.

Marine work. Under the Marine Equipment Directive, any adhesive other than the one used in type testing must itself be MED approved and bear the Mark of Conformity. Whether Aeroseal qualifies is not established — confirm before specifying the pair on MED-scope vessels.