



AEROFLEX[®]
AEROSTICK[®]

ADHESIVE FOR EPDM/NITRILE INSULATION

High Strength Adhesion | High Water Vapor Resistance



INNER ENGINEERING PRODUCTS AND SYSTEMS PVT LTD



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AEROSTICK®

Adhesive for bonding ALP Aeroflex closed cell elastomeric insulation

DESCRIPTION

AEROSTICK is a Modified Neoprene Contact Adhesive specially formulated for bonding Aeroflex Insulating Materials firmly together. Also, ideal for use with other materials like Metal (painted/unpainted), Cork Board, Polyurethane Foam Rigid PVC Sheet, Formica, and melamine Board and Rubber Sheet.

The high water vapor resistance and good weathering properties of AEROSTICK can prevent water or moisture from penetrating through the joining points.

AEROSTICK is able to form a strong, firm and permanent bonding between the applied materials providing long-lasting service.

STORAGE AND SHELF LIFE

AEROSTICK can be preserved for at least six months in well sealed containers. Recommended storage temperature range from +5°C to +35°C. Avoid keeping AEROSTICK under conditions that are out of the recommended storage temperature range.

APPLICATIONS

1. Surfaces of materials to apply should be dry, clean and free from dust, grit, oil, grease or any other loose materials.
2. Stir AEROSTICK well before applying a thin and even coat of AEROSTICK onto both joining surfaces by using a short hair brush, spreader or metal blade.
3. Allow solvents contents of AEROSTICK to evaporate until the adhesive becomes dry to touch, but tacky, before joining the materials together normally open time is 5-30 minutes.
4. Bonding is possible within 2 minutes after application if used on absorbent or permeable materials such as, cork board and chipboard etc.
If applied on non-absorbent or non-permeable materials like Aeroflex Insulation rubber or metal, a minimum of 5-20 minutes should be allowed to elapse before the surfaces can be bonded.
5. Press the surfaces to be bonded together under firm pressure.

PROPERTIES

APPEARANCE: Dark Brown Viscons liquid

TOTAL SOLIDS: 20±3%

VISCOSITY @ 30°C: 700 - 1200 Cps

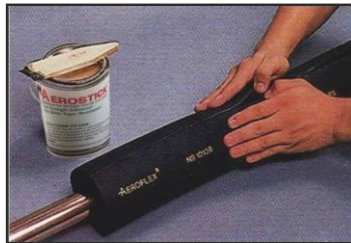
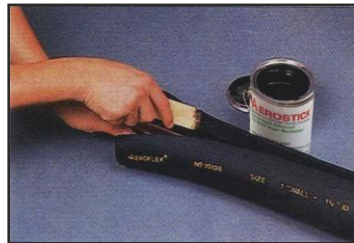
SPECIFIC GRAVITY: 0.8 - 0.85 g/cc

COVERAGE (APPLY ADHESIVE BOTH SURFACES): 130-180 ft²/gallon (3-4.5 m²/liter)

Bond Strength at Open Time 15 min
Min 1.25 kg/cm²

HEALTH AND SAFETY

- Advisable to work in well ventilated areas to avoid inhalation of vapor from solvents.
- The solvents contained in AEROSTICK are inflammable and subjected to legislation regulating their storage and use.
- Keep away from fire, and materials which may cause fire such as paper cloth, plastic etc. AEROSTICK contents flammable liquid but dried material is a self-extinguish adhesive.



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Disclaimer: Although these values represent actual results achieved in tests, they should only be used as a guide. ALP Aeroflex cannot guarantee the performance of the product as all situations are different & should be treated separately. All statements & technical informations are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the informations are appropriate for specific use intended by the recipient.