



AEROSTICK™

HIGH STRENGTH ADHESIVE FOR NITRILE & EPDM INSULATION

ADVANTAGES

- ◆ High strength adhesion
- ◆ Low VOC
- ◆ Easy to apply
- ◆ Enhanced coverage



PRODUCT DESCRIPTION

AEROSTICK is a modified neoprene rubber based contact adhesive specially formulated for bonding Aeroflex range of insulation firmly together with cold weld joints. The high water vapour resistance and good weathering properties of AEROSTICK can prevent water or moisture from penetrating through the insulation joints. AEROSTICK is able to form a strong, firm and permanent bonding between the applied materials providing long-lasting performance.

METHOD OF USE

1. Prior to application, mix adhesive properly to ensure blending of settled solids.
2. Apply a slight uniform layer of adhesive to the surfaces to be joined using a brush with short firm Bristles. Work should be done when plants are not in working state and avoid solid daylight.
3. To check if the joint is firm, try fingernail test. If fingernail doesn't stick to the surface, it can be comprehended that the joints are filled.
4. Wet seal should be used in areas such as butt joint, where it cannot be expected for the adhesive to dry before joining. A wet seal might be made by separating the surfaces, applying a thin layer of adhesive to close the joint.
5. Permit at least 36 hours of restoring prior to charging the line or applying any coating.
6. Minimum application temperature 20 °C to 30 °C
7. Do not blend adhesive with any other solvent such as water or thinner.
8. Adhesive should be applied only in shadow areas..

Applications

1. Surface on which Aerostick is applied 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 spatula.
3. Allow solvent content of AEROSTICK to evaporate until the adhesive becomes dry to touch, but tacky, before joining the materials together normally open time is 5 to 30 minutes.
4. Bonding is possible within 2 mins. 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 mins. should be allowed to elapse before the surfaces can be bonded.
5. Press and hold the surfaces to be bonded together under firm pressure.

TECHNICAL DETAILS

PROPERTIES

APPEARANCE	Pale Yellow Viscous Liquid
TOTAL SOLIDS	20.5 ± 3%
VISCOSITY @ 30 °C	700 - 1200 Cps
SPECIFIC GRAVITY	0.88 ± 0.05 Kg/lit
COVERAGE (Apply Adhesive both Surface)	6 - 8 m ² /Ltr
Drying Time (Complete Bond)	1 to 3 min

STORAGE & SHELF LIFE

AEROSTICK can be preserved for at least 12 months in original unopened containers when stored indoors, away from direct sunlight. Recommended storage temperature range from +5 °C to +35 °C. Avoid keeping AEROSTICK under conditions that are out of the recommended storage temperature range.

HEALTH & SAFETY

1. Suggested to work in well ventilated areas to avoid inhalation of solvent vapor.
2. The solvents contained in AEROSTICK are inflammable and subjected to legislation regulating their storage and use.
3. Keep away from fire, and materials which may cause fire such as paper cloth, plastic etc.
4. AEROSTICK contains flammable liquid but dried adhesive layer is self extinguishing.



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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.