



TECHNICAL DATA SHEET

AIRVIK-1

**Spray adhesive with high epoxy compatibility
for tissue positioning**

► DESCRIPTION

AIRVIK-1 is a solvent-based spray adhesive for high temperature processes with high epoxy compatibility, formulated with special synthetic resins that do not compromise the aesthetic and functional resistance of the product.

It is suitable for tissue positioning (carbon, glass, kevlar), in infusion, R.T.M., PREPREG, R.F.I. processes. The application of the appropriate quantity of AIRVIK-1 does not affect the thermosetting of the resin and structural integrity.

Due to the resins chemicals variants, we suggest to test the materials and bonding techniques before definitive use.

AIRVIK-1 is suitable for:

- all cases where epoxy resins are used
- the positioning of multiple layers of fiberglass, carbon, kevlar and other fabrics
- the positioning of prepreg fabrics and epoxy resin's film
- bonding of fabrics with plastic films
- block fabric textures to facilitate cutting operations



► CHEMICAL COMPOSITION

Special resins in solvent solution.

► INSTRUCTIONS FOR USE

- Shake well before use and during the craftwork time.
- The materials to bond must be cleaned and dry, without dusty residues.
- Apply a layer of product on the support(s) from a distance of 10/20 cm.
- For the positioning of fabrics on layers, wait for evaporation of solvents (from few seconds to 1 minute) depending on temperature and humidity.
- Apply pressure to join the parts.
- Wait for the total evaporation of the solvents before sealing the bag, close the mould and inject the resin.



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▶ HARDENING TIME

The complete bonding process needs 24/48 h.

▶ MAINTENANCE

Any fresh or hardened adhesive residues can be removed with special solvents.

▶ ADVANTAGES

- High epoxy resins compatibility
- No yellowing and reaction, even during cooking at high temperatures up to 200°C
- It forms a highly transparent adhesive film without defects showing
- Developed to avoid gasification defects during the cross-linking and cooking process
- Spray aerosol with modular 3-position valve (L-M-H)
- Strong bonding with a low product quantity

▶ PACKAGING

AIRVIK-1 is available in 500 ml spray cans. Minimum order quantity: box of 12 cans.

▶ STORAGE AND LIFE

Storage temperature of AIRVIK-1 is between +15°C and +30°C.
The cans of AIRVIK-1 can be stored in its box for a maximum of 24 months.

▶ SAFETY

Please, refer to the material Safety data sheet (MSDS).

▶ GUARANTEE

The information of our technical data sheet is based on our present knowledge and the result of tests conducted under precise conditions. It is the responsibility of the user to determine the suitability of our products, under their own conditions before commencing with the proposed application. We refuse any guarantee about the compatibility of a product with any particular application. We disclaim all responsibility for damage from any incident which results from the use of these products. The guarantee conditions are regulated by our general sale conditions.