

VARIOFLEX 0082 NL + NH

2-Component Frame Protection Lacquer, blue

1. PROPERTIES

VARIOFLEX 0082 NL is an all-purpose, two-component mesh and frame protection lacquer that is mixed with the isocyanate hardener **VARIOFLEX 0082 NH**. The **VARIOFLEX 0082 NL** lacquer creates a highly elastic, blue coloured lacquer film with a good abrasion resistant.

VARIOFLEX 0082 NL can be used for protection and insulation of screen adhesive such as **VARIOGLUE 0017 A**, from aggressive screen cleaner, enforcement and coverage of "non-image open" screen area, identification of fabric screen frame.

The well workable, blue coloured protection lacquer has a good coating and distribution skill because of the high viscosity. You can also dilute the lacquer with **VARIOFLEX 0182 T** (max. 10 %).

The approved hardened protection lacquer is resistant against the common used screen cleaning solvents, oils and water and because of this characteristic, it is usable in automatic screen washing machines.

The lacquer film is very elastic and do not brittle after multiple contact with organic solvents or UV-light. The lacquer film should also make onto the frame corner. Praxis sample has shown that the solvent resistance will be much better when the gorge between frame and mesh is painted with protection lacquer or mesh glue.

2. APPLICATION - DIRECTION

VARIOFLEX 0082 NL lacquer must be intensively mixed with the special hardener **VARIOFLEX 0082 NH**. The following **mixing ratio** should be closely adhered to:

**4 parts by weight of VARIOFLEX 0082 NL Lacquer to
1 part by weight of VARIOFLEX 0082 NH Hardener.**

The working pot life of the mixed 2-component lacquer **VARIOFLEX 0082 NL** is approx. 1 - 2 hours.

The desired level of lacquer curing and adhesion will primarily be achieved by the homogeneous mixing of the two components and depends on the applied thickness of the **VARIOFLEX 0082 NL**, the ambient temperature and the relative humidity.

Processing of **VARIOFLEX 0082 NL** protection lacquer should take place at ambient temperature of 20 - 25 °C and at a relative humidity at least 30% (ideal 50 - 70%) moisture content. The protection lacquer should be applied onto the screen with a soft brush.

Previously applied mesh adhesive, like **VARIOGLUE 0017 A** must be dried for at least 2 – 4 h before administering the protection lacquer. Initial resistance against water, blocking and tear-off qualities is achieved after 1 – 2 hours.

The final performance criteria specifically when processing in automatic screen washing equipment will only be reached after a 12 hour reaction time (overnight), better yet after 24 hours.

3. PACKAGING

Shipping and sales units:

- **VARIOFLEX 0082 NL**
2-Component Protection Lacquer
1.000 g tin cans
- **VARIOFLEX 0082 NH** Hardener
250 g tin cans
- **VARIOFLEX 0182 T** Thinner
1 L tin cans



Eine Marke der SPT

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FOTECO REMCO SAATI

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4. STORAGE

The shelf life of unopened hardener cans is approx. 9-12 month. Opened containers must always be closed airtight. Store **VARIOFLEX 0082 NL** lacquer, **VARIOFLEX 0082 NH** hardener and **VARIOFLEX 0182 T** thinner at ambient temperature and never expose these products to temperature of more than 40°C (104°F) or to direct sun light.

If exposed to cold temperature or frost, the frame lacquer can gel. The original consistency can be restored by warming up to ambient temperature and briskly stirring the content of the can.

VARIOFLEX 0082 NL, **VARIOFLEX 0082 NH** and **VARIOFLEX 0182 T** are flammable. The cans should never be exposed to fire or other ignition sources. There should not be direct light in the storage and mixing area where smoking is strictly prohibited, and sufficient air ventilation is necessary.

Additional safety, application, and pollution data can be obtained from the respective SDS according to guidelines 1907/2006/EC.

Our technical advice whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. It is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of products for specific final application is exclusively your responsibility.

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