

Technical Information

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ARCABOND[®] R 900 H

Two-component epoxy adhesive, endring adhesive

ARCABOND R 900 H is used for bonding metal, ceramic, plastics, wood, glass, etc. Due to its high chemical resistance and excellent bonding properties, ARCABOND R 900 H is highly suitable in textile printing for bonding metal or plastic endrings to nickel rotary screens. ARCABOND R 900 H can be cured with heat and at room temperature with virtually no shrinkage. The bond has high static and dynamic resistance values.

APPLICATION

Before use, mix ARCABOND R 900 H thoroughly with ARCADUR R 900 H.

Preparation: 1 part by volume of ARCABOND R 900 H
 1 part by volume of ARCADUR R 900 H

or
 1 part by weight of ARCABOND R 900 H
 0,8 parts by weight of ARCADUR R 900 H

It is absolutely essential to mix both components well, in order to obtain optimum adhesion. Potlife of the adhesive mixture is approx. 2 hours.

The parts to be bonded must be free from wax, grease, oil residue and other impurities, as e.g. ink residue, rust, etc.

If highest bonding strength is required, we recommend pre-treatment by sand-blasting, grinding, etc. or etching bath.

As the adhesive does not shrink when curing, the endrings can be bonded to the rotary screen without pressure.

Curing time:	at 20 °C	approx. 12 hours
	at 80-90 °C	approx. 2-3 hours
	at 150 °C	approx. 10-15 minutes

The adhesive quantity depends on the structure of the surface to be bonded and is around 200-250 g/m².

Bonding of the endrings: Clean the nickel rotary screen and the endring with emery paper, then degrease with a solvent. Apply the adhesive mixture onto the rotary screen and endring, adjust and allow to cure. Endrings can be removed with PREGAN E which is also suitable for cleaning the working tools.

COLOUR

Milky white



**SAFETY ADVICE /
ENVIRONMENTAL
PROTECTION**

Please see information given in the Material Safety Data Sheets of the products used.

STORAGE

2 years (at 20-25 °C and in closed original container)