

FOLABASE H 48 AND H 48-RB UNDERPACKING FOIL, SELF-ADHESIVE

The Folabase H 48 gives you a good support for corrections in the cylinder circumference of forme-cylinder and blanket-cylinder and a changing of the printing length.

The Folabase H 48-RB is a specific development of the world-wide accepted Folabase H 48 and consider the special requirements of underpacking materials on rubber- blanket cylinders. A surface-active anti-slip coating supports the special requirements of underlay foils on blanket cylinders.

APPLICATION

Cleaning/ Preparing the cylinders:

- Peel off the old, used polyester underlay - if possible from the warmed up cylinder.
- (See below).
- Remove solid gum arabic and fluff on the cylinder with a wet sponge.
- Due to the porous nature of ceramic cylinders grease and dirt will penetrate, therefore it may take several washes before it becomes totally clean. The use of a grease-free fast evaporating wash like alcohol should provide a clean surface. Please notice that cleaning agents with greasing substances reduce the adhesion of underpacking foils. We do not recommend the use of greasing cleaning agents.
- Cylinders with little dirt, or new cylinders (with grease as corrosive protection) still have to be cleaned and prepared before the application of the new underlay foil with grease free cleaners like alcohol. (Take a look at your press manual for recommended cleaning agents)
- Time taken to prepare the cylinder correctly will mean that the underpacking will adhere to the cylinder to its full potential.

If cylinders have a corrosive surface, there could be space where solvents can flow beneath the underlay foil. In this case the adhesion of the foil over a long time can't be guaranteed.

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OVERVIEW OF CLEANING AGENTS

Name of Cleaner	Name of Manufacturer	Address
Böttcherin Blau Roller wash	Felix Böttcher GmbH & Co.	Stolberger Straße 351-353 D-50933 Köln Tel.: ++49 221 / 49 07-1 Fax: ++49 221 / 49 07-435 Web: www.boettcher.de
Quick Cleaner 220215	Vegra GmbH	Otto-Hahn-Straße 1 D-84544 Aschau am Inn Tel.: ++49 86 38 / 96 78-0 Fax: ++49 86 38 / 8 31 31 Web: www.vegra.de
Cleantec	Biedruckem e. K.	Engerstraße 45 D-33824 Werther (Westf.) Tel.: ++49 52 03 88 12 10 Fax: ++49 52 03 88 12 12 Web: www.biedruchem.de

MOUNTING THE FOIL

Remove approx. 10 cm of the release film from the underpacking foil. Put the sticky side of the underpacking foil to the lead edge of the cylinder in a parallel way and press it down softly. If the Folabase is not mounted correct it can be removed and repositioned easily due to the low adhesive at the beginning of contact. After that the underpacking foil has to be smoothed out with a dry, fluffy-free cloth, from the middle to both sides.

(If mounting on the plate cylinder the ink rollers should be washed).

The cylinder has to be tipped and in the same extent the release film has to be removed. The removing of the release film has to be done carefully. Early or too fast removing can force electrostatic charging. This could attract dust and dirt, which could cause partial differences in the thickness. Please ensure that no air bubbles build up between underpacking foil and cylinder. Our special micro groove structure of the adhesive will help you to transfer the bubbles to the sides and will disappear after a few rotations of the cylinder.

REMOVING OF SELF-ADHESIVE UNDERLAY FOIL

We recommend removing the underpacking foil while the cylinder is still warm. Pick up one of the top edges and remove the foil slowly diagonally flat to the bottom. Residues of adhesive on the cylinder can be removed with the cleaning agents which are recommended by the manufacturers of the machine and a cloth. Solid residues need to be soaked with the cleaner for a short time. After that the adhesive can be washed away with a saturated cloth.

STORING

The storing should be done in the original package for no longer than 6 month under print room conditions (21° Celsius, 55% rel. humidity). Protect the foil from sunlight. We recommend to change the foil in the machine after 2-3 months of use. After longer periods of use the adhesion increases and the remove will be very hard.

TECHNICAL DATA

PRODUCT DESCRIPTION	Polyester film, adhesive on one side, silicon-release film.
NOMINAL THICKNESS / H 48	0,08; 0,10; 0,12; 0,14; 0,16; 0,18; 0,20; 0,22; 0,24; 0,26 (mm) 0,28; 0,30; 0,32; 0,35 (mm)
NOMINAL THICKNESS H 48-RB	0,14; 0,16; 0,18; 0,20; 0,23; 0,25 (mm) Polyester film covered with Anti Slip coating, adhesive on one side, silicon-release film.
TOLERANCES (FOIL THICKNESS)	± 0,01 mm
FURTHER APPLICATION	
Adhesive application	25 - 40 g/m ²
Type of adhesive	water-based
Tack value	5 - 11 N (Finat 1):
Shear bond strength	>20h (Finat 8)
Release film	50 g/m ² with silicon coating on one side