

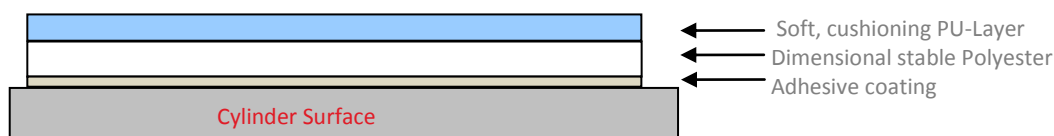
FOLABASE SOFT A UNDERPACKING FOIL, SELF-ADHESIVE

Folabase Soft A offers reliable support for adaptation to cylinder circumferences and print lengths in offset printing presses and ensures optimum dot transfer.

The Folabase Soft A is the self-adhesive modulation of our modern and flexible Folabase Soft U. The two-layer compound made of dimensionally stable polyester and extremely ductile polyurethane ensures an extremely high dimensional stability and thus, stable thickness. The soft polyurethane layer absorbs mechanical forces and ensures a good resistance against paper jam.

Suited with an innovative adhesive system this type of film has high chemical resistance. Tack and shear strength have been increased. The replacement of used films will be easy, without leaving residues of adhesive on the cylinder surface. Preparation of the cylinder for the application of a new film is less time-consuming.

Construction of Folabase Soft A in cross section:



The soft and flexible PU surface of the innovative underpacking foil accommodates and evens out the exerted pressure during the printing process. A biaxially stretched polyester base provides maximum dimensional stability for the soft PU surface. Due to the PET/PU compound Folabase Soft U ensures optimized handling. Even thicker Underpacking foils are extremely easy to bend and adapt ideally to the cylinder surface.

TECHNICAL DATA

APPLICATION

CLEANING / PREPARATION OF THE CYLINDER:

- It is recommend to remove the Underpacking film while the printing cylinder is still warm.
- Remove solid adhesive residues on the cylinder with a wet sponge.
- Due to the porous nature of ceramic cylinders grease and dirt will penetrate, several washing cycles can be necessary to clean the cylinder properly.
- The use of grease-free, fast evaporating cleaning agents like alcohol are recommended and should provide a clean surface. Please notice that cleaning agents with grease content will reduce the adhesion of underpacking foils. We do not recommend the use of re-greasing cleaning agents.

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- 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.

A corroded cylinder surface has a rough surface which allows solvents and liquids to penetrate. The service life of the Underpacking material will be reduced.

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 07-420 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

APPLICATION

Remove approx. 10 cm of the release paper from the foil. Apply the foil at the lead edge of the cylinder in a parallel way and press it down softly. If the Folabase is not mounted correctly it can be removed and repositioned easily due to the low initial bond strength. After that the foil has to be smoothed from the middle to both sides.

The release paper has to be removed gradually when the film will be applied to the cylinder. The removal of the release paper has to be done carefully. Fast removal can create static charge of the underpacking material. This could attract dust and dirt, which could cause partial differences in the thickness.

Please ensure that no air bubbles build up between foil and cylinder. Our special micro groove structure in the surface of the adhesive will help you to remove trapped air and allows to push the bubbles to the sides. After a few rotations of the cylinder they will disappear completely.

REMOVAL OF SELF-ADHESIVE UNDERLAY FOIL

Remove the Underpacking film while the printing 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 removed with a saturated cloth.

STORING

Storage 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 UV-light radiation. It is recommended to replace the foil after 6 months of use. After longer periods of application the adhesion of the adhesive will increase and the removal will be time-consuming.

TECHNICAL DATA

PRODUCT DESCRIPTION

Flexible underpacking of Polyester/Polyurethane-compound, adhesive on one side, silicon-coated release paper

NOMINAL THICKNESS

0,35 mm; 0,40 mm; 0,45 mm; 0,50 mm; 0,55 mm; 0,60 mm;
0,70 mm; 0,75 mm; 0,80 mm; 0,90 mm; 0,95 mm; 1,10 mm;
1,30 mm; 1,40 mm (> 0,60mm, licensed by pringraph)

FURTHER APPLICATION

Adhesive application

9 – 13 g/m²

Type of adhesive

water-based

Tack value

9 – 14 N (Finat 1):

Shear bond strength

>16h (Finat 8, 60°C)

Protection paper

80 g/m² with silicon coating on one side