



Eco-Solvent

Large Format Eco-Solvent, Latex and UV-Inkjet printers

STAFIX[®]
GRIP

PRODUCT & PRINTING MANUAL

FEBRUARY 2017

*In this product & printing manual we will guide you through the various aspects of working with our **STAFIX®GRIP** products. Following this manual will help you to achieve the desired results and avoid potential difficulties.*

The Product & Printing Manual consists of the following segments:

- 1) Product Properties
- 2) Designing and Pre-press
- 3) Storage
- 4) Printing
- 5) Post-Press

1. PRODUCT PROPERTIES

STAFIX®GRIP is a glue-free sticker material that adheres to various clean and very smooth surfaces with a silicon adhesion layer. The material is removable without leaving any residue and reusable even up to 12 months. The material adheres on the unprinted side only.



STAFIX®GRIP ECO-SOLVENT is available in white and clear and comes in rolls.

STAFIX®GRIP ECO-SOLVENT material has a special receptive coating for Eco-Solvent inks, the coating allows excellent ink transferability and ink adhesion.

The material is also compatible with some latex machines. It is recommended to test the material on the latex press with the intended artwork beforehand.

SHELF LIFE

In the sealed original package, unprinted material can be stored:

STAFIX®GRIP ECO-SOLVENT White Polypropylene: 18 months

STAFIX®GRIP ECO-SOLVENT Clear PET: 24 months

PRODUCT DATA

STAFIX®GRIP ECO-SOLVENT

PRODUCT SPECIFICATION		WHITE		CLEAR	
Material		PP		PET	
Finishing		Matte		Glossy / Clear	
		FILM	LINER	FILM	LINER
Weight	g/m ²	135	43	180	70
Thickness	µm	195	50	140	50
Total Weight	g/m ²	178		250	
Total Thickness	µm	245		190	

ROLL SPECIFICATION		WHITE	CLEAR
Roll length	m	30	30
Roll Width	mm	1370	1370
Roll Diameter (OD)	mm	127	119
Core	mm	76,2 (3")	76,2 (3")
Roll Weight	kg	8	10,3

FORMATS

STAFIX®GRIP ECO-SOLVENT is available in the following formats:

- 1370mm x 30m
- Test roll: 610mm x 5m

FORMAT TOLERANCE

0,5% in length, 0,1% in width.

PACKAGING



1370 mm x 30 m:

Pallets of 40 rolls (40 boxes)

2. DESIGNING AND PREPRESS

For pictures a raster of 60 - 70 l/cm is recommended. Create the black text of only 100% black for better registration. Avoid heavy deposits of ink for faster drying.

CLEAR MATERIAL

When printing an artwork on the clear material that will be used for window advertising, print the image mirror-wise and apply an additional covering white layer (either printed or a laminated layer) to reduce the transparency.

The sticker or poster is always installed from the unprinted side to the glass. The material adheres only from the unprinted side.

3. STORAGE

Store the unwrapped STAFIX®GRIP in the original package at 25% to 50% relative humidity and 15°C to 25°C temperature. The material should remain sealed in the original wrap until the STAFIX®GRIP material has warmed up to print-room temperature. Print-room recommended relative humidity is 50% to 60% and temperature is 18°C to 30°C. After use re-seal the remaining unused material in the original package.

	STORAGE CONDITIONS	PRINTING CONDITIONS
Humidity	25% to 50%	50% to 60%
Temperature	15°C to 25°C	18°C to 30°C

Proper acclimatization allows for better handling of the material and feeding through the press. The warming-up time depends on the box or pallet weight and the temperature difference between the warehouse and the print-room. See the table below for more details:

PACKAGING		Weight	Temperature difference (°C)								HOURS
FORMAT		KG (APPROX)	5°	10°	15°	20°	25°	30°	35°	40°	
ECO-SOLVENT rolls, 1370 mm x 30 m (white)	One box (1 roll)	10 KG	2	2	2	2	3	3	3	4	
ECO-SOLVENT rolls, 1370 mm x 30 m (clear)	One box (1 roll)	13 KG	2	2	2	2	3	3	3	4	

4. PRINTING *(Eco-Solvent presses)*

Always run a test with the right inks and right conditions before printing a commercial job, specially for the first time printing on STAFIX®GRIP.

The STAFIX®GRIP ECO-SOLVENT material has a special receptive coating for Eco-Solvent inks. The material is also compatible with some latex presses but it is recommended to make tests beforehand.

ON PRESS

If you have problems with the registration of the clear film it is recommended to apply masking tape along the edge of the material to allow for the sensors to gain registration of the clear material.

5. POST-PRESS

STAFIX®GRIP ECO-SOLVENT -materials can be cut on the press's own cutting system or on a table cutter. The white (PP) material is softer than the clear (PET) material and may need different pressure to be cut.

STAFIX®GRIP can be die-cut and kiss-cut. Always round the corners when die-cutting or kiss-cutting because the inner-sharp corners might cause the film to tear. Perforating, binding and direct mail inserting is also possible. When trimming, use sharp, nick-free blades.

PACKING & SHIPPING

Protect the products well from dust when sending the finished goods to your client. Pack the material flat, or if you need to roll the printed material, do so by having the printed side facing outwards. Do not fold the sheets.

USE & INSTALLATION

STAFIX®GRIP is recommended for temporary indoor use. The material adheres on average for 12 months to any very smooth surface, **STAFIX®GRIP** does not adhere to porous surfaces such as painted walls, PVC foam boards or untreated wood, make sure to test the material beforehand in the intended surface for your application before the actual printing.

For the installation, make sure the surface is clean. If needed clean the surface but do not use detergent or chemicals. Wet installation is recommended to eliminate possible air bubbles more easily, specially for larger pieces. Apply the film always from the unprinted side.

For more detailed instructions, please refer to our separate Use & Installation guidelines available at www.stafix.eu

Please contact Stafix for any questions related to the designing, storing, printing or general use of our products. We would be happy to assist you to reach the desired results with your print campaign.

All information is based on current quality levels. Stafix Ltd reserves the right to change the specifications of the contents as part of our continual product development. We recommend that the purchaser confirm product compatibility before the use of the product. Stafix Ltd will not accept any claims or warranty on material that has not been handled according to these instructions.