



Large Format

Large Format Eco-Solvent, UV Inkjet and Latex

Product Manual



GRIP Large Format

Eco-Solvent, UV-Inkjet and Latex

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

The product manual consists of the following segments:

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1. PRODUCT PROPERTIES

STAFIX®GRIP Large Format 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.



PRINTING COMPATIBILITY

	WHITE	CLEAR
Compatible inks	Eco-solvent, UV, UV-LED and Latex	Eco-solvent, UV, UV-LED and Latex

PRODUCT DATA

	WHITE		CLEAR	
	FILM	LINER	FILM	LINER
Weight (g/m ²)	140	45	180	70
Thickness (µm)	190	50	140	50
Total Weight (g/m ²)	185		250	
Total Thickness (µm)	240		190	
Material	PP		PET	
Finishing	Matte		Glossy / Clear	
Working Temperature,	-30 °C to 110 °C		-30 °C to 130 °C	
180° Peel strength (g/25mm)	2-10		2-10	
Recyclability	Grade 5 plastic		Grade 1 plastic	
Shelf life	24 months		24 months	
Stafix® Product code	GR-190PPW50.1		GR-140PETC50.2	

REEL SPECIFICATION				
	WHITE		CLEAR	
Reel Length (m)	30	100	30	100
Reel Width (mm)	1 370		1 370	
Reel Diameter, OD (mm)	128	196	120	177
Core (mm)	76,2 (3")		76,2 (3")	
Reel Weight (kg)	10	28	13	36

FORMATS AND TOLERANCE

STAFIX®GRIP Large Format is available in the following formats:

- 1370 mm x 30 m
- 1370 mm x 100 m
- Test reel: 610 mm x 5 m



Format tolerance is 0,5% in length and width.

2. STORAGE

Store the unwrapped **STAFIX®GRIP Large Format** 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 Large Format** 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 table below for more details:.

PACKAGING	WEIGHT	TEMPERATURE DIFFERENCE (°C)			HOURS
		5-20°C	25-35°C	40°	
FORMAT	KG (APPROX)				
1370 mm x 30 m (white)	10 kg	2	3	4	
1370 mm x 30 m (clear)	13 kg	2	3	4	
1370 mm x 100 m white	28 kg	3	4	5	
1370 mm x 100 m clear	35 kg	4	5	6	

3. PREPRESS, PRINTING & POSTPRESS

PREPRESS

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.

ON PRESS

Always run a test with the right inks and right conditions before printing a commercial job. Always use flexible inks.

When printing with UV presses adjust the UV lamps to a minimum level that still cures the inks but does not deform the film.

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

PRINTING PROFILES

Use a printing profile suitable for non-absorbent, synthetic substrates such as self-adhesives.

Stafix Ltd has developed printing profiles for some of the most common large format printing machines for the **STAFIX®GRIP Large Format white** material such as:

Latex

HP Latex presses (300 and 500 Series) Printing profiles included on HP's Media Solutions Locator under manufacturer's name Stafix

Eco-Solvent

Mimaki UCJV300-160 JV100 and UJV100

Roland TrueVis VG2-640 VG-640 SG2- 640 SG-540 Roland SOLJET XR- 640

UV-Gel

Canon Colorado 1650

In order to download the profiles for your specific model please visit:

<https://colorbase.com/profile-search/> under Material Manufacturer: Stafix Ltd.



COATINGS

Varnish or coatings can be applied, Make sure you test the varnishes and coatings previous to a print run.

POSTPRESS

It 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 Large Format 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.

All information concerning our products 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. The purchaser must confirm product compatibility before the use of the product. The purchaser assumes the risks for any use, operation and application of the material. Stafix Ltd. is liable for damage only upon the the purchase amount excluding any indirect damage.

Stafix Ltd will not accept any claims or warranty on material that has not been handled according to these instructions. The English version is solely and exclusively valid and legally binding.

4. SURFACE COMPATIBILITY

✓ = suitable

✗ = non-suitable

— = suitable with limitations
(requires previous tests)

SURFACES	COMPATIBILITY
Smooth Surfaces	✓
Rough Surfaces	✗
Ceramic Tiles	✓
Glas/Mirrors/Windows	✓
Aluminium	✓
Steel	✓
Plastic	✓
Wood	✗
Varnished Wood	✓
MDF board	✓
Painted Walls	✗
Brickwalls	✗
Coated Paper	✓
Uncoated Paper	✗
PVC High & Low Density Boards	—
Textile, Fabric (clothing, sofa, etc.)	✗

APPLICATIONS / PLACES	COMPATIBILITY
Home Appliances	✓
Window Graphics	✓
Furniture (Tables, Cabinets etc.)	✓
Sanitary Ceramics	✓
Fridge/Freezer	✓
TV / Computer Screens	✗
Magazine inserts	✓
Indoor	✓
Outdoor	—
Flooring (PVC, Laminat, Tiles)	—

5. USE AND INSTALLATION

STAFIX®GRIP Large Format is recommended for temporary indoor use. The material adheres on average for 12 months to any very smooth surface, **STAFIX®GRIP Large Format** 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. Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the printable media for each application

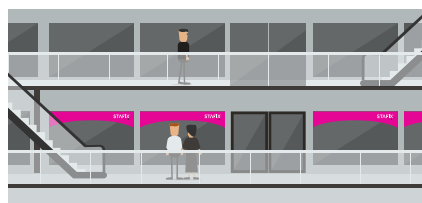
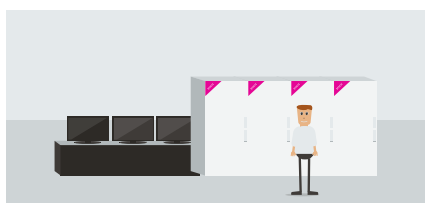
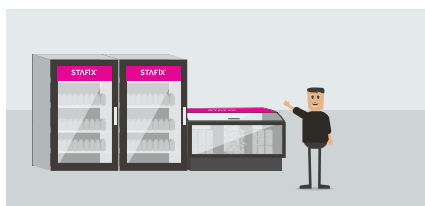
USE

STAFIX®GRIP adheres to various clean and very smooth surfaces, such as:

- glass
- plastic
- stainless steel
- aluminium
- tiles
- varnished wood

Thanks to the material's versatility, it can be used in various applications, such as;

- Retail advertising (e.g. freezers and -fridges)
- Store decoration and window display



INSTALLING STAFIX®GRIP *White & clear*

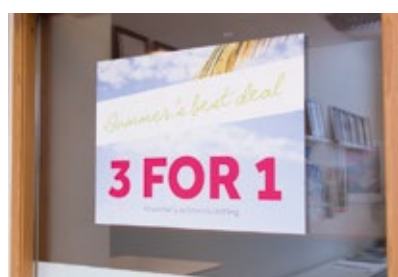
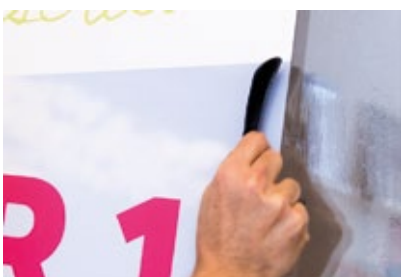
1. Make sure the surface is clean. If needed clean the surface but do not use detergent or chemicals. Wet installation* is recommended to eliminate possible air bubbles more easily. Apply the film always from the unprinted side.



2. Release carefully the liner (see other side for details) from the face of the film, and apply the upper corner to the surface where the artwork will be displayed. After the material is aligned, remove the liner working from the top to bottom.



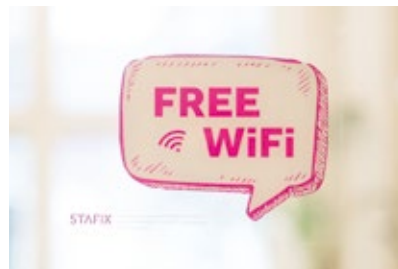
3. Use a soft sided "felt" squeegee to eliminate any air bubbles. Do not use of bubble popper tools or sharp objects to eliminate the bubbles.



This use & installation guide is recommended to be provided by printing houses with the ready, printed products.

MIRROR-WISE PRINTED STICKERS

If you want to display the image through a glass window from inside to the outside (Shop display) you should use the clear film. The film should be printed 'mirror-wise', so that the unprinted side will adhere to the glass. The film will stick on the inside of the window with visibility from the outside.



WET INSTALLATION

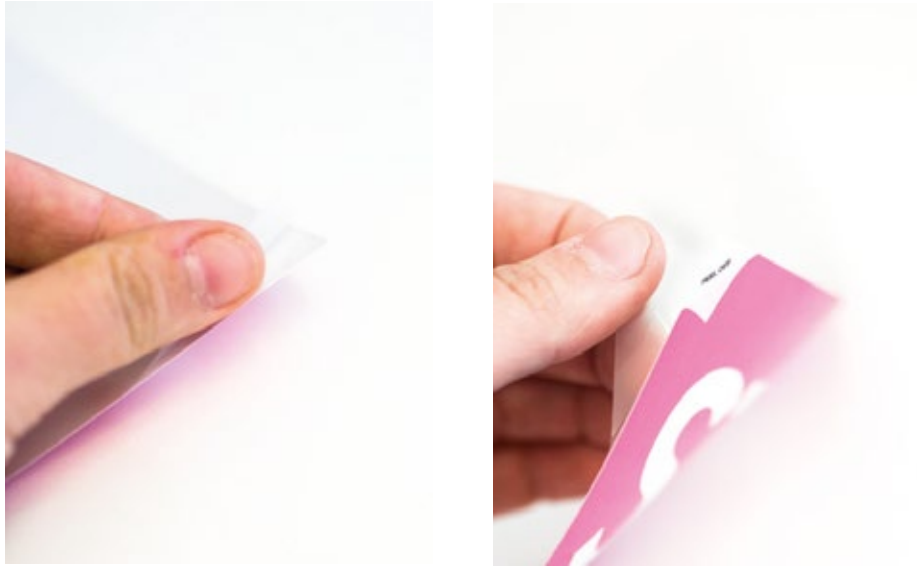
Wet installation makes the artwork easier to move and replace without damaging it during the installation process.

Make sure the surface is clean. Wet the clean surface with a spray bottle, place the desired artwork to the surface and use a soft sided "felt" squeegee to eliminate any air bubbles and remove the excess water moving from the center of the artwork to the sides. Wipe the excess water off with a paper towel.



REMOVING THE LINER

The liner can be removed from the backside (from the unprinted side), using the tip of your thumb instead of your nails.



You can also remove the liner with a small piece of tape. Place the tape on the corner of the artworks's liner and pull the tape back so that the liner comes off.



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 printing campaign.