

Features

- Non-yellowing
- Suitable for printing Braille text
- Press ready products for either Flat or Rotary Screen application
- Good flexibility

Application

High build varnishes can be used to obtain a number of effects from Braille text to special tactile finishes used to enhance packaging design.

Products

Print method	Product Reference	Product Code	Comment
Flat screen	High Build Varnish	CN622	High viscosity
Rotary Screen	Tactile Varnish	RN622	Low viscosity

It is possible to blend the two varnishes together to alter the viscosity of the varnish to suit the application and the degree of build achieved.

Printing Recommendations

To achieve a relief image a range of meshes can be used. For printing Braille text we recommend the following meshes.

Rotary Screen

Manufacturer	Screen	Comments
Stork RSI	RM75/40	Due to the complex nature of mesh preparation we recommend that information about these products is obtained directly from the manufacturer
Gallus Screeny	BZ	Due to the complex nature of mesh preparation we recommend that information about these products is obtained directly from the manufacturer

Flat Screen

Mesh Recommendation	Stencil	Comments
43 - 77 mesh depending on the build desired	High build capillary film 250 - 400 microns	Contact your local Sericol rep for details

Screen wash

Application	Product Reference	Product Code
General screen cleaning	Universal Screenwash	ZT639
For use in automatic solvent washout units	Autowash Cleaner	DFAUT

High Build UV Curing Varnish Package

Pre-production testing

These products are formulated to adhere to most papers and major brand, top coated or corona treated, synthetic materials with surface tension levels of 38 dyne/cm or higher. However, it is strongly recommended that all substrates be tested before use in a commercial situation. Similar substrates can vary between manufacturers, and between batches from the same manufacturer. Certain synthetics may be impregnated with lubricants, which may migrate and may impair adhesion.

The end-user must determine suitability of this product for the intended use prior to production.

Storage

Containers should be tightly closed immediately after use. At the end of long print runs surplus varnish from the duct should be disposed of. Uncontaminated press returns should be stored under the same conditions as the unopened containers. These should be used within 3 months or the original date of manufacture whichever occurs first. Do not store in direct sunlight or near warm pipes and keep away from Peroxides. In the interest of maximum shelf-life storage temperatures should be between 10°C and 25°C. UV systems and additives should not be stored in direct sunlight or extreme temperatures. Refer to individual Material Safety Data Sheets (MSDS) for materials and conditions to be avoided.

Shelf-life

When stored unopened in a cool environment these products are expected to have a shelf life of approximately 12 months from the original date of manufacture.

Pack Size

Available in a 5kg pack size.

Fujifilm Sericol UK Limited:

- Has certification to the International Environmental Standard, ISO 14001.
- Is committed to minimising the risk to users of our products, and also to minimising the impact of our activities on the environment, from formulation through to production and supply.
- Research & development team, work to an in house Health, Safety and Environmental policy, termed 'Design for Health, Safety and Environment', with the aim of proactively developing products with the least impact on health, safety and the environment.
- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reducing waste through better use of raw materials, energy, water, re-use and recycling.

Safety and Handling

UVivid High Build UV Curing Varnishes:

- Are formulated to be free from any chemicals toxic to health, carcinogenic, mutagenic or reprotoxic according to Directive 67/548/EC.
- Have a flashpoint greater than 55°C and are therefore not classified as "dangerous substance" under the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). Comprehensive information on the safety and handling of these Varnishes and associated products is given in the appropriate Sericol Safety Data Sheet available upon request.

Environmental Information

UVivid High Build UV Curing Varnishes:

- Do not contain ozone depleting chemicals as described in the Montreal Convention.
- Are formulated free from aromatic hydrocarbons.
- Are free of any volatile solvent and can therefore be considered to have less impact on the environment, when compared with solvent-based products.

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