

Printvarnish Silk

Printvarnish Silk is a special oil based coating primarily designed as an inconspicuous over varnish to protect commercial litho print from the abrasive effects of matt coated papers and boards. It is particularly effective in preventing marking and scuffing during cutting, creasing and bindery operations and is recommended as a problem-solving coating. Printvarnish Silk is perfect for 10 colour presses and has almost no build up on the perfecting cylinders.

Printvarnish Silk is packaged in 2kg cartridges, 190kg drums or 2.5kg internally sealed tins for maximum shelf life.

Properties:

- **White non-yellowing finish**
- **Semi-matt silky finish**
- **Fast drying on papers / boards**
- **Duct stable**
- **Excellent scuff / rub resistance**
- **Fast back up / work & turn**

Directions for use

For in-line or off-line use by litho or dry offset, Printvarnish Silk is suitable for use over all colours *without the pigment bleed and fade* characteristics of water and glycol based coatings. It may be applied spot or as an all over solid.

It may be washed up using exactly the same cleaners and solvents used for removing inks from the press so there is no need to carry special stocks of pressroom chemicals. Printvarnish Silk does not dry as quickly on the rollers as many other coatings and is easier to clean.

Printvarnish Silk sets quickly and dries reliably, even when emulsified with damping solution, and provides an attractive, durable, silk finish to coated and uncoated substrates alike.

Printvarnish Silk is easy to use, applied exactly like a conventional machine overprint varnish and is sufficiently press-stable to offer ease of handling at the press-side consistent with good drying properties.

Post Print Operations

Lamination over Printvarnish Silk is generally satisfactory and UV varnishing by litho or screen and solid or spot varnishing may be undertaken with care. It must be noted however, that the suitability of Printvarnish Silk for UV varnishing and lamination will often depend on several other factors introduced at printing such as absorbency of stock, drying and airing procedures, the coverage of ink and on the job, the degree of control of the litho process etc. Infra Red Drying should be avoided on jobs for UV varnishing.

The raw materials, and in particular the wax, selected for use in Printvarnish Silk have been chosen to minimise their effect on U.V. varnish and laminate adhesion.

The suitability of Printvarnish Silk for UV varnishing, foil blocking or gluing should always be tested before undertaking a full production run.

Health & Safety

Printvarnish Silk when used correctly will not give rise to any significant hazard provided reasonable standards of industrial hygiene practice are maintained. For detailed information please refer to our Material Safety Data Sheet.

This technical instruction sheet is designed for your information and reference. It is based on and conforms to our current knowledge. However as actual application is affected by many factors over which we have no control, we are not liable for printing failures.