

Isogliss Varnishes

Conventional Offset varnishes



Characteristics

- Prints mechanical protection
- Customized finishes

Substrates

Non coated	*
Matt coated	***
Gloss coated	***
Lightweight paper	*
Cardboard	***
Non absorbent substrates ⁽¹⁾	*
Synthetic substrates ⁽²⁾	*

*** Perfectly suitable, ** Suitable, * Test necessary, X Not suitable

(1) Non absorbent substrates (tracing paper, coated chromo colour)

(2) Synthetics (PE, PP, PET, PVC)

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	Light fast inks and Other products	Miscellaneous Characteristics
Isogliss Anti-abrasion	High performance Varnishes	Good mechanical resistance
Isogliss Non Slip	High performance Varnishes	Non slip. Suitable for hot stamping and lamination. Very high gloss
Isogliss Anti-adhesive	High performance Varnishes	Very high slip. May be used with scratch removable inks
Isogliss Anti-adhesive	High performance Varnishes	Gloss. Low odour for foodstuff packaging (Robinson Test <1)
Isogliss Brillance 3000	Effect Varnishes	High Gloss. Good mechanical resistance
Isogliss Pearl	Effect Varnishes	Satin effect
Isogliss Natura Matt	Effect Varnishes	Matt effect. Low odour for foodstuff packaging (Robinson Test <1)

Recommendations

- Offset application with or without fountain solution from the ink duct.
- Varnishes compatible with alcohol containing and alcohol free fountain solutions.
- May be used for solid prints or with reserves for gluing areas for example.
- May be applied wet-on-wet or wet-on-dry.
- To accelerate drying, use Colourless Drying Agent in the varnish (1 % maximum).
- Isogliss Anti-abrasion, Natura, Matt Natura and Gloss 3000 are suitable for freezing applications.
- Isogliss Natura and Matt Natura:
 - These varnishes comply with foodstuff packaging printing regulations.
 - Use with the Natura inks series.
 - Use only Natura auxiliary products (thinner, cleaner).
 - Not suitable for direct varnish – foodstuff contact.
- Isogliss Non Slip Varnish can be used as an adhesive primer varnish before laminating or wet-on-dry varnishing: do not use anti set-off powder.
- Using Isogliss Anti-adhesive Varnish for scratch removable inks:
 - Use coated paper.
 - Do not use anti set-off powder.
 - Not suitable for hot stamping.
 - Allow to dry for at least 48h before printing the mask.
- Varnishes compatible with infrared (IR) drying: maximum stack temperature: 35°C on top and 30°C on reverse side.