



Australian Specialty Inks Pty Ltd

ABN 71 002 591 620

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Website: [www.austspecialtyinks.com.au](http://www.austspecialtyinks.com.au)

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## PRODUCT INFORMATION

### GLOSS VINYL

#### Main Characteristics

Finish	Drying	Thinner Wash up	Mesh	Stencil	Coverage	Application	Colour Range
Gloss	Not recommended for jet drying. Air dry approx. 20-40 minutes.	Thinner FGV 180 Retarder FGV 182 Wash Up FSU5112	Mono Filament fabric 62t to 140t.	Any solvent resistant or dual cure emulsion.	Approx. 55 sq. Mt per kg.	Refer to ASI ink selector chart.	9 Standard 8 Basic Pantone Plus Black and White. Special colours as required.

#### PRODUCT DESCRIPTION:

Due to the slower drying nature of the Gloss Vinyl series it is ideally suited for the printer with a hand print operation. The system is a highly flexible vinyl resin system specifically formulated for printing on vinyl surfaces where a high gloss finish is required. The inks form a positive bond on most vinyl surfaces, which may be vacuum formed.

#### Substrate and End-Use:

The Gloss Vinyl ink system has displayed excellent adhesion Pressure-Sensitive vinyl films, Vinyl coated products, vacuum formed vinyl plastics, Cellulose Acetate and Lexan® to name but a few. For a comprehensive list of suitable substrates please refer to the A.S.I. ink selector chart.

#### Thinners

Thin up to 15% with Gloss Vinyl Thinner FGV180. To slow drying time thin with Gloss Vinyl Retarder FGV182.

#### Additives:

Use Gloss Vinyl Clear FGV170 for varying degree of colour strength and transparency (also metallic clear vehicle). Use Universal Sharp Print compound FSU178 for fine detail printing (will slightly reduce gloss level). For a flat finish use up to 15% Flattening Paste FSU5935 (used as a reducer).

Where the final print will be expected to withstand extreme weather conditions or severe chemical exposure we recommend the print be final coated with A.S.I. Pro-Pack Clear FSU3780/3781 to improve the resistance quality of the underlying print.



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## Opacity and Lightfastness:

Number	Description	Opacity	Lightfastness	Number	Description	Opacity	Lightfastness
FGV111	Black	Opaque	Excellent	FGV57	Royal Blue	Opaque	Excellent
FGV112	White	Opaque	Excellent	FGV59	Permanent Blue	Trans	Excellent
FGV75	Cover White	Opaque	Excellent	FGV00	Basic Yellow	Semi Opaque	Good
FGV22	Fire Red	Semi Opaque	Good	FGV01	Basic Warm Red	Semi Opaque	Good
FGV24	Orange	Semi Opaque	Good	FGV02	Basic Rubine	Trans	Excellent
FGV30	Primrose Yellow	Opaque	Good	FGV03	Basic Rhodamine	Trans	Excellent
FGV32	Lemon Yellow	Semi Opaque	Good	FGV04	Basic Purple	Trans	Excellent
FGV34	Golden Yellow	Semi Opaque	Good	FGV05	Basic Reflex Blue	Trans	Excellent
FGV42	Emerald Green	Opaque	Good	FGV06	Basic Process Blue	Trans	Excellent
FGV52	Light Blue	Opaque	Excellent	FGV07	Basic Green	Trans	Excellent

## General Remarks:

Stir well before use. All vinyl surfaces must be test printed and allowed to dry for a minimum of 24 hours before starting the print production run as there is often considerable difference between like substrates from different suppliers.

Gloss Vinyl is a solvent based ink system and the ink film may re-dissolve in certain solvents. Pre-check for suitability.

It is recommended that the Gloss Vinyl SDS be consulted before using this product.