



Australian Specialty Inks Pty Ltd

ABN 71 002 591 620

17 Reaghs Farm Rd, Minto NSW 2566

Telephone: (02) 9603-3399 Fax: (02) 9603-7761

Website: www.austspecialtyinks.com.au

PRODUCT INFORMATION

VULCAN

Main Characteristics

Finish	Drying	Thinner Wash up	Mesh	Stencil	Coverage	Application	Colour Range
Gloss	Not suitable for jet drying, touch dry approx 45 minutes.	Thinner FVP180 Retarder FVP 182 Wash Up FVP184.	Mono Filament fabric 43t to 140t.	Any solvent resistant or dual cure emulsion.	Approx 30 to 50 sq. Mt per kg, depending on mesh count used.	Refer to ASI ink selector chart.	8 Standard colours plus Black and White.

PRODUCT DESCRIPTION:

The Vulcan series is an Australian developed system finding wide acceptance where the ink is required to maintain excellent adhesion while resisting extreme stretch and flexing.

Substrate and End-Use:

Good adhesion results have been reported on a diverse range of substrates including wet suits, inflatable boats, swim caps, ethyl vinyl acetate (E.V.A), nylon, a range of umbrella materials and raw mylar films. As with all other ink systems manufactured by A.S.I. it is critical that all surfaces be pre tested before printing. For a comprehensive listing of possible suitable substrates refer to the Australian Specialty Inks selector chart. This ink is **NOT suitable for silicone based synthetic rubbers.**

Thinners:

Thin up to 15% with Vulcan Thinner FVP180. To retard drying thin with Vulcan Retarder FVP182. This product will NOT tolerate any solvents other than FVP180 and FVP182.

Additives:

Use Vulcan Clear FVP170 for varying degree of colour strength and transparency. The ink system will **NOT** tolerate ink products other than Vulcan Inks.

Vulcan Catalyst FVP176 can be used when improved adhesion and chemical resistance is required. Mix ratio being 85% ink to 15% catalyst FVP176. Pre testing of ink should be carried out using straight Vulcan ink and also catalyzed ink. This will determine whether it is necessary to use the catalyst.



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Vulcan Primer FVP190 can be used to assist adhesion and promote extra flexibility to the finished print. Optimum results are achieved by applying primer over the intended print area, allowing a dry period of 36 hours and then printing with a catalyzed form of the Vulcan ink.

Opacity and Lightfastness:

Ink Code Number	Description	Opacity	Lightfastness	Ink Code Number	Description	Opacity	Lightfastness
FVP111	Black	Opaque	Excellent	FVP32	Lemon Yellow	Opaque	Good
FVP112	White	Opaque	Excellent	FVP34	Golden Yellow	Semi Opaque	Good
FVP75	Cover White	Opaque	Excellent	FVP42	Emerald Green	Opaque	Good
FVP411	Structured Black	Opaque	Excellent	FVP52	Light Blue	Opaque	Excellent
FVP412	Structured White	Opaque	Excellent	FVP05	Reflex Blue	Transparent	Excellent
FVP22	Fire Red	Semi Opaque	Good	FVP06	Basic Blue	Transparent	Excellent
FVP24	Orange	Semi Opaque	Good	FVP07	Basic Green	Transparent	Excellent
FVP30	Primrose Yellow	Opaque	Good				

General Remarks:

Stir well before use. Always test apply ink (allowing 48hr to dry) before starting production run as there is often considerable difference between like substrates from different suppliers.

Vulcan 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 Vulcan, MSDS be consulted before using this product.