TECHNICAL DATA SHEET
SCREEN

LUNA TITANIUM COMBINATION WHITE - W358

Introduction

Part of the Titanium range, W358 has been specifically designed to encompass both UV flexo and UV rotary screen printing in one product.

This unique silicone free white offers excellent opacity characteristics, in combination with fast cure speed potential, optimised lay and aesthetic effect, whether printing from an anilox and photopolymer plate combination or a rotary screen mesh.

Technical Information

Viscosity	500 – 800 cps at 25°C
Anilox Volume Recommendations	10.0 – 30.0 cm^3/m^2
Flat Bed Mesh Recommendations	165-27 to 120-34
Rotary Screen Mesh Recommnedation	305 to 215: Gallus Screeny: KZ or KM

Key Features and Advantages

- Complies to the EuPIA Charter.
- No Intentionally added PFAS.
- Can be printed for both UV Flexo and Screen application.
- High gloss finish
- Non-yellowing
- Highly receptive surface for overprinting
- Fast for cure
- Optimised lay and aesthetic effect

Substrates

This ink system has been purposely designed for use on many papers, boards, synthetics and foils both supported and unsupported. The inks are press ready and the use of performance additives is not recommended without prior consultation or recommendation by ALDUS INKS. This ink system is not suitable for thermal active papers without the use of a suitable over varnish.

NB. Due to the wide variety of synthetic substrates available we cannot provide guarantees for ink adhesion. We recommend the use of good quality top coated substrates. Non - top coated substrates can also be converted providing the material is corona treated or primed prior to printing.

It is recommended that adequate testing be carried out prior to production runs.

Overprinting

All inks detailed in this information sheet are free from surfactants and are considered suitable for overprinting using thermal transfer ribbons, hot foils, laser toners, flexo and screen inks. Please note that due to the wide variety of ribbons, foils and toners which are available, we always recommend overprintability trials be conducted for suitability when using these products for the first time or if the print construction changes.

It is important that tests are carried out to ensure good results can be achieved when printing on press.

Other Information

All products must be mixed/stirred thoroughly to ensure consistency prior to printing, failure to do so may alter the performance or finish of the ink.

For this silicone-free white it is important to use only completely cleaned stencils, squeegees, pumps and tubes (in the case of automatic ink feeding). If automatic washing is used, we recommend an additional manual cleaning of squeegee and stencil with a new cleaner that has not come in contact with ink residuals containing silicone.

Storage and Shelf Life

All products detailed in this information sheet have a guaranteed shelf life of 12 months, but storage conditions are imperative. The container should be closed immediately after use and stored in a dry area at 5-18°C away from direct sunlight. This guarantee only applies to sealed, unopened containers.

The information contained in this General Information sheet is based on the experience of ALDUS INKS and our internal laboratory test procedures. It is not to be interpreted as a warranty or guarantee in any form as conditions and variables beyond our control can affect the end result.

We recommend press trials when using new substrates and other print related variables for suitability purposes.

We reserve the right to alter any product data as a result of technical or manufacturing processes.

Web: **inks.aldusgroup.com** | Email: **orders.inks@aldusgroup.com** | Tel: **+44 (0)1506 401260**

© ALDUS INKS 2026. All rights reserved.