

## Multi-Purpose Low Tack Liquid Photopolymer For Corrugated Printing

Verbatim™ AC is the liquid photopolymer plate that provides printers with smooth, dense ink coverage and perfect imaging. Designed specifically for corrugated printing, it delivers fine detail and sharp halftones that print with less dot gain.

AC Photopolymer is the continuation of Verbatim™ Photopolymers extensive product development and experience in liquid photopolymers, and we are committed to the continuous improvement of liquid plate technology for the flexography industry.

In corrugated, folding carton, or paper printing, if you need quality, productive or environmentally friendly solutions, our liquid photopolymers are the answer. Additionally, our range of patented products will give you unique competitive advantages.

For exceptional quality and performance in corrugated printing, count on the brand that delivers outstanding performance Verbatim™



### Key Features

- Greater resilience
- Available in three durometers (18, 25 and 32 Shore A)

### Segments

Corrugated



## Photopolymer Plates

### PRODUCT DESCRIPTION

Verbatim AC resins are high quality photopolymer liquid resins, used for making exceptional quality printing plates. Designed for use with CEW X-600 Flexo Wash and Chemence CEA DF-500 Anti Foam.

### PERFORMANCE CHARACTERISTICS

Verbatim AC resins produce tack free and clean running printing plates, matching the high quality of solid plates. Plates made with Verbatim AC resins have deeper reverses, shaper halftones and smooth dense ink coverage.

### KEY ADVANTAGES

Verbatim AC resins are cleaner and more cost effective than sheet plates, producing plates in a shorter time at lower cost. Verbatim AC resins have approximately 30% higher resilience than other makes, reduced dot gain, a superior level of halftone and process colour printing.

### APPLICATIONS

Verbatim AC resins are formulated for making plates suitable for use on corrugated board. The 18 Shore resin is suitable for lightweight liners, the 25 Shore resin for use on uncoated kraft substrates and the 32 Shore resin is suitable for printing high end screen graphics with white liner substrates.

### PHYSICAL PROPERTIES

#### Uncured Product

Parameter	Unit	Value
Viscosity	cPs	36,000
Freezing Point	°C	<0
Cloud Point	°C	4.5
Temperature to Thaw	°C	20
Ozone Resistance		Excellent
Shelf Life	Months	9-12

#### Cured Product

Parameter	Unit	Value
Durometer	Shore A	18, 25, 32
Appearance		Clear/Green
Tear Resistance		Very Good
Abrasion Resistance		Very Good
Ozone Resistance		Excellent
Germicidal Finishing		Required

### SOLVENT COMPATIBILITY

Verbatim AC resin plates should be cleaned with water, or a mixture of water and 1% Verbatim CEW X-600 Flexo Wash. Limited usages also possible with Kerosene or Heptane

### WASH SOLUTION COMPATIBILITY

Verbatim AC 18, 25 & 32 plates can be washed with water, diluted CEW X-600 Flexo Wash, Heptane and most water based cleaners with a ph less than 10. Organic solvents such as alcohols, aromatic hydrocarbons and ketones should be avoided.

### IMAGE CAPABILITIES\*\*

Capability	% Dot Area	Unit	Unit
Half tones	3 to 95 @	48 L/cm	120 Lpi
Fine line width		0.005 Inch	0.127 mm
Isolated dot Ø		0.010 Inch	0.254 mm

### PLATE HANDLING AND STORAGE

Protect all resins and plates from sources of ultraviolet light. The resins and plates should be stored in temperatures between 5 ° - 36°C

Plate Life can be extended with good storage procedures. Thoroughly clean printing plates with compatible solutions prior to storage (CEW X-600 Flexo Wash, is preferred).

### DISCLAIMER

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. Chemence Ltd. and its agents cannot assume liability or responsibility for results obtained in the use of its product by persons whose methods are outside or beyond our control. It is the user's responsibility to determine the suitability of any of the products methods of use, or preparation prior to use, mentioned in our literature. Furthermore it is the user's responsibility to observe and adapt such precautions as may be advisable for the protection of personnel & property in the handling and use of any of our products.

\* Typical Values

\*\* Under optimal conditions

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