

TERLON™ 603 A

TERLON™ 603 A is a soybean oil alkyd. It can carry and print a higher load of pigment than bodied oils and conventional alkyds. **TERLON™ 603 A** shows good color retention characteristics and hence is recommended for use in heat induced drying applications. **TERLON™ 603 A** dries by oxidation to form a flexible film. While drying times are slower than pure linseed oil based alkyds, initial odor and color development during oxidation are markedly reduced. **TERLON™ 603 A** offers a very effective cost/quality ratio.

Applications

Coldset systems, metal decorating inks, web heatset, and varnish.

- ▲ Promotes tough flexible ink film
- ▲ Improves adhesion and transfer
- ▲ Excellent non-yellowing
- ▲ Good pigment wetting
- ▲ Improves tack stability

Typical properties

Property	Value	Unit	Test Method
Acid Value	7	mg KOH/g	BAX-QC-102
Viscosity	70	seconds	E:E, 25°C, BAX-QC-106
Color	5	-	Gardner Color, BAX-QC-103
Percent Non-Volatile	100	%	BAX-QC-195
Bio-Renewable Content, (+/-2%)	78	wt%	Theoretical value based on formulation

Updated March 7, 2025 by AH

Packaging

TERLON™ 603 A is shipped in 400 lb drums.

Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 12 months. The product should be stored at temperatures between 10 and 30°C (50-86°F). The packaging should be kept tightly closed and stored in dry conditions.

® and ™ Licensed trademarks of Lawter, Inc.

Disclaimer

The information provided herein was believed by Lawter, Inc. ("Lawter") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product, and to determine the suitability of the product for its intended use. All products supplied by Lawter are subject to Lawter's terms and conditions of sale. LAWTER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY LAWTER, except that the product shall conform to Lawter's specifications. Nothing contained herein constitutes an offer for the sale of any product.