

PACK-SET™ 3100 E

PACK-SET™ 3100 E is a VOC-free SF grinding varnish based on phenol-formaldehyde free rosin resins, alkyd resins and carefully selected low odour ester solvents with high boiling points.

This varnish is developed to be safely used for printing of food packaging materials made out of board for non-direct food contact (non-DFC). It is produced following EuPIA GMP guidelines.

Application

Sheetfed, low migration, low odour for non-DFC printing

- ▲ Good pigment wetting
- ▲ Increased bio-renewable content
- ▲ Good lithographic behaviour
- ▲ Low colour
- ▲ Phenol-formaldehyde free
- ▲ Good tack stability
- ▲ Mineral oil free
- ▲ VOC free
- ▲ EuPIA GMP guidelines

Typical properties

Property	Value	Unit	Test Method
Viscosity	90	Pa.s	Physica 23°C, at 25 sec ⁻¹ , LIMV2
p-Ostwald	0.91	-	Physica 23°C, at 25 sec ⁻¹ , LIMV2
Tack	235	-	Protack program 3, LIMV23 30" 50 mpm, 30" 100 mpm

Updated January 7, 2025 by SA

Packaging

PACK-SET™ 3100 E is available in drums (180 kg).

Shelf life and storage conditions

Shelf life from date of production is typically 12 months.

The varnish should be stored at temperatures ideally between 10 and 30°C. The packaging should be kept tightly closed and stored in dry conditions.

An increase in viscosity is possible if the varnish is stored in wrong conditions or for an extended period of time.

Product carbon footprint calculated in line with ISO14040 standard is available upon request.

® 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.