

## FLEXIBLE PACKAGING

# VarioLam™ RTG

VARIOLAM™ RTG IS A SOLVENT GRAVURE RETORT LAMINATION INK SYSTEM.

### VarioLam™ RTG

VarioLam™ RTG is a solvent gravure retort lamination ink system that provides high bond strengths on a wide range of film structures without the use of cross linkers. This ink system will enable the printing of high definition graphics that can withstand the heat and pressure of the retort process that allows extended shelf life of food products.

### Suitable Applications

Retort Laminating Packages in the following structures:

- PET/Al/CPP (1 year)
- PET/CPP (3-6 months)
- Nylon/Al/CPP (1 year)
- Nylon/CPP (3-6 months)

PET can be Corona treated, Acrylic, Saran, and high barrier film such as AlOx, and SiOx coated film.

Attributes	Benefits
<ul style="list-style-type: none"><li>• Ink provides high bond strengths on a wide variety of films. Lamination bond &gt;500g/2.54 cm before retorting, 75% remain after retorting, no pop-blistering.</li></ul>	<ul style="list-style-type: none"><li>• Can withstand the “high end” retort packaging (Pressure: 3 bar Temp: 130-138°C, Time: 40mins)</li></ul>
<ul style="list-style-type: none"><li>• Excellent printing properties</li></ul>	<ul style="list-style-type: none"><li>• Good resolubility and ink transfer while maintaining good flow and low viscosity</li></ul>
<ul style="list-style-type: none"><li>• Excellent colour strength utilizes high performance pigments</li></ul>	<ul style="list-style-type: none"><li>• Provides excellent resistance of weather, chemicals and light while providing high colour strength, heat stability and low migration</li></ul>

### Shelf Life

- 6 months to 1 year

# VarioLam™ RTG

## Availability

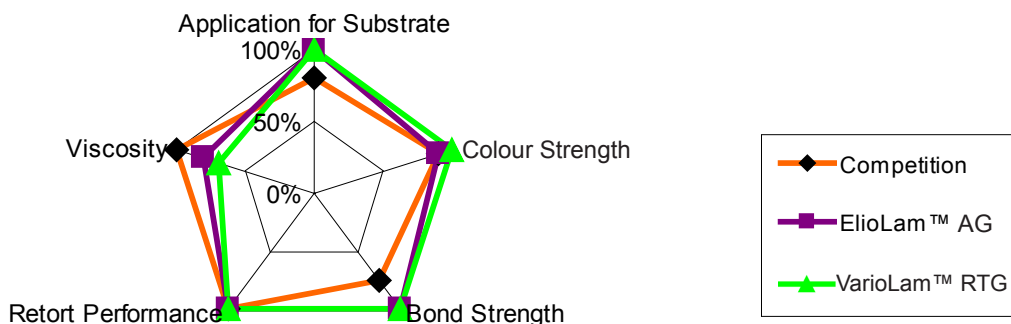
- Commercially available

Item	Item Description	Item	Item Description
W3D601788	VarioLam™ RTG Extender	W3D631787	VarioLam™ RTG Process Blue
W3D601791	VarioLam™ RTG GR Extender	W3D631797	VarioLam™ RTG GR Blue
W3D611786	VarioLam™ RTG Process Yellow	W3D641783	VarioLam™ RTG Process Black
W3D611789	VarioLam™ RTG GR Yellow	W3D641795	VarioLam™ RTG GR Black
W3D621784	VarioLam™ RTG Process Magenta	W3D651790	VarioLam™ RTG White
W3D621785	VarioLam™ RTG 185c Red	W3D661782	VarioLam™ RTG (G6331) Green
W3D621792	VarioLam™ RTG YS Red	W3D661796	VarioLam™ RTG GR Green
W3D621793	VarioLam™ RTG GR Magenta	W3D681794	VarioLam™ RTG Violet
W3D631780	VarioLam™ RTG Process Blue		
W3D631781	VarioLam™ RTG (G6041) Blue		

## Colour Matching

VarioLam™ RTG comes as a finished monopigmented ink system. Blend as you see fit to match colours, using T1W05809 extender as needed.

### Gravure Retort Ink Benchmarking



### VarioLam™ RTG Offers:

- High colour strength
- High retort bonds
- Excellent printability
- High lamination bonds
- Excellent adhesion
- Low viscosity

For more details on VarioLam™ RTG, call your nearest Flint Group office or dealer.

Flint Group  
15500 28th Avenue North,  
Plymouth, MN 55447, USA  
www.flintgrp.com

T +1 763 559 5911  
Toll Free in the U.S.(800) 328 7838  
info.packaginginks@flintgrp.com

The aim of our technical documents is to inform our customers about general values. However, the transferability of general values known from experience and laboratory results to concrete practical applications depends on a number of factors which are beyond our control. We therefore ask for your understanding that this advice document cannot be used as the basis for claims in law. Furthermore, the correct application for each product has to be checked carefully for suitability. For application details refer to Technical Data Sheet. Product names followed by ® are trademarks registered by Flint Group Incorporated.