

FLEXIBLE PACKAGING

VarioLam™ RTF

VARIOLAM™ RTF IS A SOLVENT FLEXO RETORT LAMINATION INK SYSTEM.

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

Shelf Life

- 6 months to 1 year

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Availability

- Commercially available

Item	Item Description
R1B06900	Flexo Retort Blue
R1K06901	Flexo Retort Black
R1R06903	Flexo Retort Magenta
R1W06888	Flexo Retort White
R1W06889	Flexo Retort Extender
R1Y06902	Flexo Retort Yellow

Colour Matching

The system is not compatible with nitrocellulose vehicles; please review with the PDL and or Product Management before colour matching. Please refer to Product range and codes section to do your colour matching. These inks are fully balanced to maximize performance.



VarioLam™ RTF Offers:

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

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

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