

TECHNICAL DATA SHEET

UV CURABLE PRIMERS

DESCRIPTION UV curable gloss and matt primer range for general purpose use including labels and packaging, offering improved adhesion of subsequently printed UV curable inks on a range of metallised substrates, as well as other synthetic substrates such as BOPP.

PROPERTIES Gloss and matt versions available
Fast cure
Good chemical and product resistance
Excellent adhesion
Benzophenone-free
Please test for suitability for foil blocking/thermal transfer

Unless the printed layer is a barrier to migration and there is no possibility of set off to the unprinted (food contact) surface, **these primers are not intended for food packaging specifications.**

For applications where the material is not a barrier, or set off is possible, we recommend the use of Low Migration inks & varnishes. Contact us for further details.
It must also be mentioned that the Printer/Converter and Packer/ Filler has legal responsibility to ensure compliance with the relevant legislation for food packaging.

APPLICATION **Stir very well before use**

General: Film weight 2-4 volume recommended, although higher film weights may be required for more difficult substrates.

Flexo: Anilox 240-300 l/cm

Corona treatment of substrate may also be required. Do not over-treat as this may adversely affect adhesion and water resistance properties.

Rollers EPDM
UV lamps minimum 80 w/cm
Press speeds 80-120m/min achievable

SUBSTRATES Aluminium foils such as metallised polypropylene.

The suitability for other uncoated synthetic substrates should be tested before printing, although improved adhesion to BOPP and other PP/PE substrates has also been seen.

RANGE

		Standard	Premium
UV Flexo	Gloss	EL195	EL085
	Matt	EL278	
UV L/Press / Litho	Gloss	EL226	

STORAGE & HANDLING

Store at temperatures between 5^oC and 25^oC.
Protect from sunlight.
In unopened containers these primers have a shelf life of 6 months.



**AUXILIARY
PRODUCTS**

RLA313 UV thinner
RLA350 UV wash up

DISCLAIMER

The information contained in this data sheet is correct to the best of our knowledge. It is intended as a guide only for the optimum use of the named product(s) and is not intended as a warranty or as a specification. This datasheet may not be suitable for combinations with other materials or in processes other than those specifically described. The user should always make their own tests to establish that the product(s) meets their requirements.