

## TECHNICAL DATA SHEET

### IV RANGE DIGITECH UV FLEXP VARNISHES

**DESCRIPTION** Range of gloss and matt UV curable varnishes for use on digital inks, with high adhesion, low shrinkage, high heat resistance, and unparalleled chemical resistance.

**PROPERTIES** Gloss and matt finishes  
 Fast cure  
 Free from Benzophenone, MBP, OHBP, BDK, ITX  
 See list below for suitability for foil blocking/thermal transfer  
 Excellent chemical and product resistance  
 Excellent adhesion  
 Excellent heat resistance (no cracking)  
 High scuff resistance

**NB** – Fully cured IV varnishes will obtain their optimal tape and chemical resistance properties 12-24 hours after printing.

**APPLICATION** Stir well before use  
 Anilox 75 – 120 l/cm (200 – 300 l/in)  
 Film weight 6 – 15 g/cm<sup>3</sup>  
 Rollers EPDM  
 UV lamps minimum 80 w/cm

**SUBSTRATES** Coated paper and board  
 Top coated thermal paper  
 Treated/primed synthetics  
 Aluminium foils  
 Other substrates after testing

**STORAGE & HANDLING** Store at temperatures between 5<sup>0</sup>C and 25<sup>0</sup>C.  
 Protect from sunlight.  
 In unopened containers IV varnishes have a shelf life of 12 months.

**RANGE**

Code	Description	Chemical/Heat Resistance?	Overprintable/Blockable?
IV001	Digitech General Purpose Gloss	N	N
IV002	Digitech General Purpose High Slip Gloss	N	N
IV003	Digitech High Resistance FB Gloss	Y	Y
IV004	Digitech High Resistance Gloss	Y	N
IV006	Digitech High Resistance FB Matt	Y	Y
IV007	Digitech High Resistance Matt	Y	N



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**PACKAGING** 5kgs, 10kgs, 25kgs

**AUXILIARY PRODUCTS** RLA367 UV Defoamer (silicone containing)  
RLA379 UV Defoamer (silicone-free)  
RLA374 UV Wax Slip/Scuff Additive  
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.

Pulse Roll label Products will not be held responsible for any subsequential losses incurred in the use of any of these products.