

COATING UV4155 UV for Digital HV

Galaxy Coating UV4155 is a radical curing UV varnish with a good reactivity. The coating is formulated with low toxic raw materials and can be used in applications for over many digital inks with low surface tension on a variety of substrates. The coating can be used in off-line applications. Especially designed for an even gloss on toner prints.

Application: Recommended coating weight 2 – 5 grms/m² (wet)
 Suitable for corona treated PE-films, paper (> 125grms) and board
 Double sided applications possible
 Suitable for varnishing machines

Use: Use solvent and alkali resistant inks
 Press ready
 Optimal properties obtained 24hrs after printing
 Not suitable for food- and other sensitive packaging. Suitable for secondary packaging only if a functional barrier avoid migration (global and specific) of substances to the content. Before bringing into circulation corresponding migration tests shall be conducted.

Performance key:	Gloss	10	1 matt – 10 highest gloss
	Cure speed	4	
	Slip	4	
	Rub resistance	5	
	Block resistance	5	
	Glueability	1	Specific films to be tested
	Solvent resistance	4	Specific conditions to be tested

** 1 (Slow / Low) – 5 (Fast / High) **

Typical constants:	Viscosity	80 secs DIN4 @ 25°C	± 5 sec
	Specific gravity	1.10 g/cm ³	± 0.05
	Appearance	Brownish, hazy liquid	

Storage conditions: Store away from excessive heat, out of direct sunlight and in closed packaging. Preferred conditions between 15 - 20°C

Cleaning: Use a proper UV-wash, UV-Wash UV4000-IQ-S

Shelf life: In unopened, original packaging, 8 months from manufacturing date

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The information provided in this technical data sheet is to inform our customers. A succesful application depends on a variety of different factors. Therefore the advice given in this technical data sheet cannot be used as basis for claims. Our recommendation is where possible to perform tests before entering production runs.