

SICURA FLEX 39-8



The **SICURA Flex 39-8** is a free radical, UV-mercury arc lamp curing flexo printing ink series. It is suitable for processing on all types of in-line label or packaging printing machines on a wide range of plastic materials and other substrates. The series is only acceptable for food packaging, if the processing conditions rule out the possibility of set-off in the reel or stack and the design of the final printed article ensures reliable functional barrier properties to migration.

SICURA Flex 39-8 is a non-low-migration inks series formulated in Compliance to the EuPIA Exclusion Policy for Printing Inks and Related Materials.

The offered product portfolio is augmented by additional products such as opaque whites, metallic inks, varnishes for various applications, adhesives, as well as primers to improve adhesion on demanding printing substrates.

CURING

| **UV-mercury arc lamp**

PRINTING SPEED

| **up to 150 m/min**

PRODUCT SAFETY

- non-low-migration
- developed for non NPH (Nutri, Pharma + Hygiene) applications

COMPLIANCES

| EuPIA Exclusion Policy for Printing Inks and Related Materials

SICURA FLEX 39-8 SERIES PERFORMANCE AT A GLANCE

Very good printability

- Good ink flow
- Results in high image definition: low dot gain, sharp dots, clean micro texts

High color strength

- Offers high opacity and brilliance of inks

Highly reactive

- Allows printing speeds of up to 150 m/min

High chemical & mechanical resistance

- Alkali & solvents
- Heat sealing
- Good adhesion

Recommended anilox rollers

Highly concentrated process prints	360 – 475 lines/cm	–	2.5 – 3.5 cm ³ /m ²
Line images and/or texts	180 – 195 lines/cm	–	6.0 – 7.0 cm ³ /m ²
Intensive solids	160 – 180 lines/cm	–	7.0 – 8.0 cm ³ /m ²
Fine lines	200 – 320 lines/cm	–	4.5 – 6.0 cm ³ /m ²

Because of the differences in materials for printing, processing conditions and test criteria this technical information can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Your own tests with the original materials under the respective conditions are indispensable. We disclaim any liability for applications for which this ink series is not foreseen.

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APPLICATIONS

	Color Scale (Red to Green)				
Self-adhesive label					●
Shrink-Sleeve					●
Multilayer label					●
Sandwich label					●
Wrap around label					●
Pouches	●				
Tube laminate	●				
Aluminum lids	●				
IML				●	

REMARKS

Set-off migration
Set-off migration
Set-off migration

SUBSTRATES

	Color Scale (Red to Green)				
Corona pre-treated Polyethylene					●
Primered Polyethylene					●
Corona pre-treated Polypropylene				●	
Primered Polypropylene				●	
Pre-treated/ primered Polyester				●	
Polystyrene				●	
Soft PVC (Vinyl)					●
Paper					●
Topcoat thermopaper					●
ECO thermopaper	●				
Primered aluminum foils					●
Primered metalized substrate					●

Depending on pre-treatment / quality of the primer
Conditionally suitable application
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POST-PROCESSING

	Color Scale (Red to Green)				
TTR printing				●	
Hot-foil stamping					●

Conditionally suitable application
Conditionally suitable application

SICURA FLEX 39-8 PRODUCT-PORTFOLIO INCLUDES:

Ink series (incl. CMYK, PMS bases & fast shades)



Metallics



Opaque Whites & Sleeve Whites



Adhesives



OPV, Varnishes & Primers



Specialties



Products available in EMEA

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