

# 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

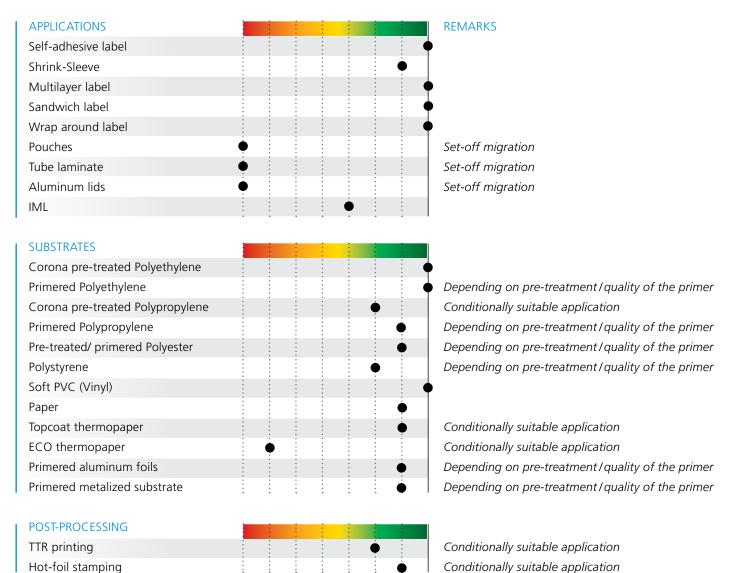
### Recommended anilox rollers

| Highly concentrated process prints | 360 – 475 lines/cm | _ | 2.5 – 3.5 cm <sup>3</sup> /m <sup>2</sup> |
|------------------------------------|--------------------|---|---|
| Line images and/or texts           | 180 – 195 lines/cm | _ | $6.0 - 7.0 \text{ cm}^3/\text{m}^2$       |
| Intensive solids                   | 160 – 180 lines/cm | - | $7.0 - 8.0 \text{ cm}^3/\text{m}^2$       |
| Fine lines                         | 200 – 320 lines/cm | _ | 4.5 – 6.0 cm <sup>3</sup> /m <sup>2</sup> |

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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#### SICURA FLEX 39-8 PRODUCT-PORTFOLIO INCLUDES:

| Ink series (incl. CMYK, PMS bases & fast shades) | $\bigcirc$ | Metallics   | $\bigcirc$ |
|--|------------|-------------|------------|
| Opaque Whites & Sleeve Whites                    | $\bigcirc$ | Adhesives   | $\bigcirc$ |
| OPV, Varnishes & Primers                         | $\bigcirc$ | Specialties | $\bigcirc$ |

#### **Products available in EMEA**

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