

**SHEETFED**

# XCURA Max

**LED AND UV LOW ENERGY (HUV/LE/HR) CURABLE INK SERIES FOR SHEETFED AND WEB OFFSET PRINTING ON PAPER AND PAPERBOARD.**

## XCURA Max

XCURA Max is a high performance UV ink series for sheetfed and web offset presses that cures with LED and UV low energy (HUV/LE/HR) lamp technologies. It is suitable for commercial and non-food packaging application on paper and paperboard substrates.

### Suitable Applications

- Coated and uncoated papers
- Coated and uncoated boards
- Suitable for folding carton, commercial printing, and labels - non-food
- Suitable for direct finishing and subsequent laser printing

Attributes	Benefits
• Cures with low energy lamp technology	• Lower energy costs; no ozone generation; low heat process compatible with heat sensitive films
• High colour strength	• Excellent print quality
• Excellent ink/water stability	• Optimum press performance
• Fast curing speed	• Improved productivity
• Excellent press stability	• Minimal wash-ups required
• Complies with ISO 2846-1	• Suitable for printing to ISO 12647-1

### Availability

- Four colour process
- Full range of base colours
- Pantone® & special match spot colours

### Colour Matching

- ISO 2846-1 compliant four colour process
- Suitable for printing to ISO 12647-1
- XCURA bases must be used for spot colours

	Light Fastness 100% Strength*	100% Strength 10% Tint*	Alkali**	Alcohol*	Nitro (solvents)**
Black	8	7	2	2	2
Cyan	8	7-8	5	5	5
Magenta	5	4	2	3-4	5
Yellow	5	4-5	5	3-4	5

Colour properties complying with ISO 2846-1 (\*Blue Wool scale, 1=minimum, 8=maximum)  
 (\*\*Resistance properties in accordance with the Grey scale according to ISO 105-A03 or ISO 105-A02 1=poor, 5=very good)

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## Substrates

Ideally suited for coated and uncoated papers and boards, matte coated papers, coated and uncoated paperboards.

## Fountain Solution

All quality fountain solutions can be used. The **XCURA Max** inks are recommended for printing with and without alcohol.

## Rollers/Blankets

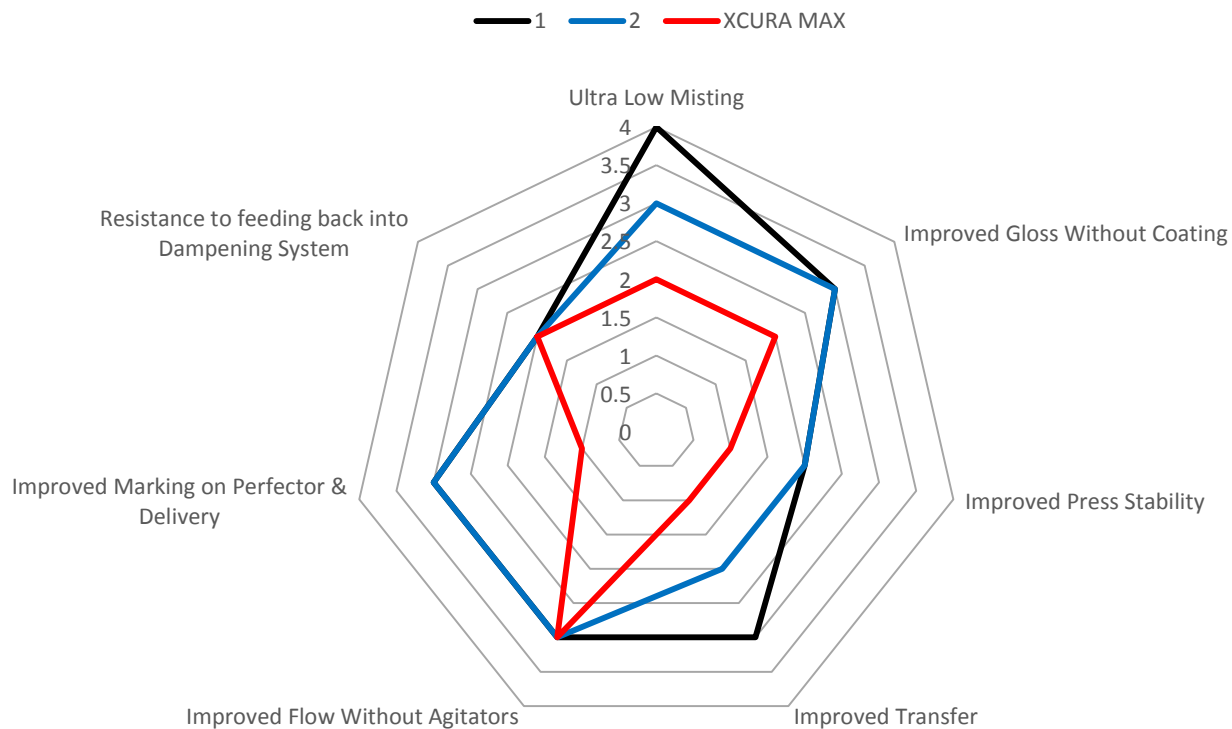
The **XCURA Max** inks have been formulated to exclude materials known to cause swelling or degradation of EPDM and NBR type rollers. In general, UV curable inks and the special cleaning fluids can, to a certain extent, cause swelling or shrinking of rubbers. Rubber types like EPDM, butyl nitrile or vinyl nitrile are recommended.

## Additives

Consult your local Flint Group representative.

## Overall Performance Comparisons

### XCURA Max vs Competition



For more details on XCURA Max, call your nearest Flint Group office or dealer.

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