

Ink Series XN-2



Technical Data Sheet

Gravure and Flexo Printing

1. FIELD OF APPLICATION

Solvent based ink series for frontal printing onto food packaging, especially shrink sleeves, thermo-formable films, PVC, polystyrene, PET, pre-treated polyethylene and polypropylene (co-extruded), primered polypropylene and duplex foil.

2. PROPERTIES

The ink series XN-2 is suitable for food packaging, sealing resistant (depending on the print substrate) and thermo-formable up to 600%.

The ink series can be ordered with chlorine free pigments and is then constitutionally free of chlorine.

3. FASTNESS INFORMATION

XN-2 is resistant to adhesive tape and scratch resistant, even at high distort rates.

Further fastnesses are depending on the pigmentation and the used printing substrate. Special fastness information (e.g. fastness to fat or special fillings) will be made available on request.

Fastness examinations should not be done before a period of 24 h after the printing process.

4. COLOUR RANGE

White	---	0/112175 XN-2
Yellow	Process Yellow C	3/115490 XN-2
Yellow	Yellow C	3/115487 XN-2
Yellow	PMS 012 C	3/112168 XN-2
Orange	PMS 021 C	7/112169 XN-2
Red	Process Magenta C	8/115489 XN-2
Red	Warm Red C	8/112170 XN-2
Red	Red 032 C	8/115486 XN-2
Red	Rubine Red C	8/112171 XN-2
Red	Rhodamine Red C	8/115491 XN-2
Violet	Purple C	1/115482 XN-2
Violet	Violet C	1/112172 XN-2
Blue	Process Cyan C	1/115488 XN-2
Blue	PMS 072 C	1/115484 XN-2
Blue	Reflex Blue C	1/115483 XN-2
Blue	Process Blue C	1/112173 XN-2
Green	Green C	5/115485 XN-2
Black	Process Black C	9/112174 XN-2
Black	Black C	9/115493 XN-2
Silver	PMS 877 C	4/115495 XN-2
Gold	PMS 871 C	4/115494 XN-2

(additional colour shades available upon request)

5. PRINTING AUXILIARIES

Thinner (n-PA)	020595
Quick Drying Agent (EA)	002002
Retarder (EP)	002001
Transparent White	112157 XN-S

6. ADDITIONAL PRODUCTS

Overprinting Lacquer, glossy	108460
2-Component Overprinting Lacquer, high glossy	110324
Hardener (Mixture Lacquer/Hardener 5:2)	089321

7. PROCESSING INFORMATION

General:

For printing with XSK-S colours ester resistant photo polymer print plates or ester resistant rubber print plates have to be used.

8. SHELF LIFE

We guarantee a shelf life of six months. For metallic inks as well as gold and silver we guarantee a shelf life of three months in original and closed containers.

Rust protected containers have to be used in case of decanting.

9. PRECAUTIONS

For further information on the safety, storage and environmental aspects please refer to the Material Safety Data Sheet(s) (MSDS).

For further technical information please contact our application engineering:

A. M. RAMP & Co. GmbH
RUCO Printing Inks
Lorsbacher Straße 28
D-65817 Eppstein

Tel.: +49 (0) 6198-304-0 FAX: +49 (0) 6198-3 22 88
e-mail: info@ruco-inks.com
Internet : www.ruco-inks.com

