

# N-P

## Technical Data Sheet

## Gravure Printing

### 1. FIELDS OF APPLICATION

Ethanol based ink series with titanium chelate for printing onto NC-pre-coated aluminium, pre-treated PE / PP, co-extruded PP, acrylic-coated PP and pre-coated polyester.

### 2. PROPERTIES

- Free from phthalates
- Suitable for the food and pharmaceutical industry
- High colour strength, brilliance and yield
- Low solvent retention
- High heat pressure resistance
- The ink series corresponds to the provisions of Regulation (EC) No. 1935/2004 when properly used

### 3. FASTNESS INFORMATION

Inks of series N-P are scratch-proof, resistant to adhesive tape and suitable for the decoration of laminates.

Other fastness characteristics depend on the pigmentation and the used printing substrates. Special fastness information can be provided upon request.

Fastness examinations should not be conducted sooner than 24 hours after the printing process.

### 4. RANGE OF COLOURS

		Solid Content
Standard White-PW6	0/115878 N-P	46,3%
Half Tone White-PW6	0/115879 N-P	44,1%
Yellow-PY13	3/115579 N-P	37,5%
Magenta-PR146/PV32	8/115582 N-P	41,9%
Cyan-PB15:4	1/115575 N-P	41,7%
Black-PBI7	9/115867 N-P	29,7%
Yellow-PY83	3/115578 N-P	29,8%
Orange-PO34	7/115581 N-P	32,5%
Red-PR48:1	8/115583 N-P	36,7%
Red-PR48:2	8/115584 N-P	32,1%
Rhodamine Red PR122	8/116068 N-P	35,3%
Reflex Blue PB15:4/PV23	1/115576 N-P	35,7%
Violet PV23	1/115577 N-P	35,2%
Green PG7	5/116022 N-P	39,8%
Silver PMS 877 C	4/116132 N-P	30,7%
Blue	1/116167 N-P	37,7%
Gold	4/116168 N-P	38,4%

(additional shades are available upon request)

### 5. ADDITIVES

Thinner/ Quick Drying Agent:

Here arbitrary mixtures of ethyl acetate and ethanol to achieve an optimum print image and good drying are possible.

### 6. STORAGE

RUCO guarantees a shelf life of 12 months; this storage period should not be exceeded.

The recommended storage temperature is 10°C to 50°C.

Corrosion protected containers must be used when refilling the inks.

### 7. PRECAUTIONS

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

Please do not hesitate to contact our Application Engineering department if you require additional technical information.

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