

73/74 Series

Utility Dry Offset Inks for Plastics

Zeller+Gmelin's 73 & 74 Series Dry Offset Inks are designed for printing on plastic pails, cups, containers and tubes. The benefits include good adhesion and scratch resistance, high color strength and high gloss. The series is formulated to meet the demands of today's Dry Offset Printing environment and will yield trouble-free performance at a truly exceptional value.

The 73 Series is designed for high scratch and scuff resistance on plastic containers and lids without the use of an overprint coating.

The 74 series offers the same great print characteristics but is formulated for plastic tubes that require gloss or matte overprint coatings.

Features

- + High Gloss
- + Low Misting
- + High Cure Speeds
- + Free Flow Rheology
- + Dense Pigmentation
- + Free Radical Chemistry
- + Excellent adhesion to HDPE, PP, PETE, and other substrates
- + Not Fade Resistant

Applications

- + Plastic Cups, Lids, Pails and other Containers (73 Series)
- + Tubes (74 Series)

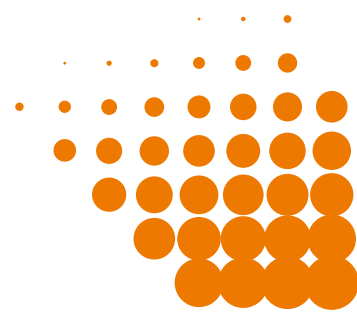
Substrates*

- + High Density Polyethylene (HDPE)
- + Polypropylene (PP)
- + Polystyrene (PS)
- + Expanded Polystyrene (EPS)
- + PETE

* Proper testing recommended prior to selecting substrates.

The Zeller+Gmelin Advantage

- + Localized branch service centers for technical, logistical and Color Management support, with rapid response and delivery options.
- + Custom ink solutions for your specialized needs.
- + Environmentally friendly systems with less than 1% VOC's.
- + Color Management System capabilities compatible with PANTONE®
- + Technical support available to implement developmental projects giving you the competitive edge.
- + Highly specialized UV ink experts with unparalleled experience within the industry.
- + Formula guides available for blending on site.
- + Zeller+Gmelin technical consultants can make recommendations to assure compatibility with the products you use.



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Process Colors

The 73 and 74 Series provides excellent trapping through transparent dense colors and vivid contrast is achieved with minimal contamination. Dot gains are low even in areas where traditional print slurring occurs. We recommend printing Process colors in the following sequence: Process Yellow, Process Magenta, Process Cyan and Process Black. See your sales representative for tack rating information.

PANTONE® Colors

PANTONE® shades can be mixed by the customer from the 73/74 Series base lines. Formulation guides for PANTONE® shades based upon the 73/74 Series are available.

Printing Tips

- + We recommend pre-testing and qualification of colors to determine suitability to substrate and printing conditions.
- + If fade resistance is required, please consult your sales representative for recommendations.
- + Product resistance must be pre-tested to ascertain suitability of application.
- + Products are not recommended for direct food applications.

Recommended Curing

- + Curing lamp type: Medium pressure mercury vapor
- + Lamp power rating: 300 – 1350 watts per inch

Description	Product Code		
PROCESS INKS			
Process Yellow	7301/7401		
Process Magenta	7302/7402		
Process Cyan	7303/7403		
Process Black	7304/7404		
BASE INKS			
Yellow	7310/7410	Mixing Black	7390/7490
Warm Red	7320/7420	Transparent White	7395/7495
Rubine Red	7330/7430	012 Yellow	73012/74012
Rhodamine Red	7340/7440	021 Orange	73021/74021
Purple	7350/7450	032 Red	73032/74032
Violet	7355/7455	072 Blue	73072/74072
Reflex Blue	7360/7460	Opaque White	7306/7406
Process Blue	7370/7470	Dense Black	7307/7407
Green	7380/7480		

EXPERTLY DONE.