



FLEXOGRAPHIC ALCOHOL BASED INK SERIES

PROPERTIES

The flexographic alcohol based ink series is typically used for printing on flexible film materials. These may also be used for printing on paper cups. This ink is a slow drying ink that is made specifically to run through flexographic machines.

Specifications:

Viscosity: 12" – 20" Zahn Cup #3

Specific Gravity: 0.9 – 1.05

Drying Time: 15 – 20 seconds

Fineness of Grind: 0 – 5 microns

PRODUCT RANGE*

Product Name	Product Code	Product Name	Product Code
White	FSS - 100	Violet	FSS - 401
Base Yellow	FSS - 200	Pro. Blue Base	FSS - 402
Process Yellow	FSS - 201	Reddish Blue	FSS - 403
Dark Red	FSS - 300	Reddish Violet	FSS - 404
Red	FSS - 301	Violet 3 Base	FSS - 405
Magenta	FSS - 302	Black	FSS - 500
Process Red	FSS - 303	Orange Base	FSS - 700
Dark Red (B)	FSS - 304	Green	FSS - 800
Blue	FSS - 400		

* The colors listed are the basic ink shades only. Customized colors may be provided upon request.

APPLICATION AND COMPATIBLE MATERIALS

Flexographic alcohol based inks are used in treated PE and PP materials and also plastic cups. This ink is typically reduced by alcohols for fast drying or a mixture of alcohols and esters for slow drying applications. This ink is ready to use, but may be thinned down by the customer to their desired running viscosity. The ink is run through the flexo machine for printing.

It is recommended to refrain from using leftover ink to avoid printing problems. The customer may contact a third party converter for the proper disposal of the left-over ink.

STORAGE

Roto Gravure ink must be stored in a dry and well-maintained environment, with the temperature not exceeding 25 to 30 degrees Celsius. The product has a guaranteed shelf-life of up to 6 months from the date of manufacture, considering it remains undiluted in its original container.

HEALTH AND SAFETY

The product is considered non-hazardous when used in a safe working environment, following proper handling protocols and having a well-ventilated working area. For safety, ensure that the guidelines given in the Materials Safety Data Sheet (MSDS) is followed.

WARNING

The manufacturer, Perma Colour Inc., guarantees the quality of the product. All the stated information is given in good faith. The technical instructions given may serve as a guide, but the company does not guarantee nor promise specific results. The obtained results vary on other factors, including the operator's procedures and handling of the product. The company's responsibility is limited solely to the exchange of the ink or varnish product. Furthermore, in the use of the product for substrates not mentioned in this guide, it is recommended to conduct small-scale testing before mass production to ensure the compatibility of the ink.