



POLYSACK INK SERIES

PROPERTIES

The polysack ink series is a fast-drying flexo ink that is typically used for woven polypropylene (WPP) materials. This ink allows for printing characterized by high gloss and high print strength on a variety of woven sack substrates.

Specifications:

Packing Viscosity: 15" to 25" Zahn Cup #3

Specific Gravity: 0.98 to 1.05

Fineness of Grind: 0 to 5 microns

PRODUCT RANGE*

Product Name	Product Code	Product Name	Product Code
TOL White	PST - 100	TOL Blue Base	PST - 400
TOL Yellow 35 Base	PST - 202	TOL Blue 12 Base	PST - 401
TOL Red Base	PST - 300	Violet Base	PST - 404
TOL Red 33 Base	PST - 301	TOL Black Base	PST - 500
TOL Red 53:1 (105%) Base	PST - 302	TOL Orange 13 Base	PST - 700

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

APPLICATION AND COMPATIBLE MATERIALS

Polysack ink is used for WPP films, otherwise known as sacks. This is typically used as packaging for rice, cement, and animal feeds. Polysack ink can be reduced using alcohols or a co-solvent using aliphatic hydrocarbons and alcohol. This reducer will be provided by the ink manufacturer. The ink may then be reduced to the desired running viscosity. Usual running viscosity is between 10 to 12 secs. Zahn Cup # 3. Fast drying inks can run up to 200m/s, while

slow drying inks can run between 60 to 120m/s. In the case of leftover inks, it is recommended to refrain from using them as they may cause printing problems. For their disposal, please contact an appropriate third party converter for proper disposal.

Important Reminder: Customers are advised to give or instruct Perma Colour Inc. on the specifications of their required polysack ink, specifically on the drying time required.

STORAGE

Polysack 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.