

TY Series – Tyvek® Screen Ink

Code Ref: 422

technical information and application instructions

Substrates Du Pont's Tyvek® Spunbonded Olefin. May also be used on paper and cardboard as a flat finish lacquer.

End Uses Advertising Displays, Banners, Sun Shields.

Product Information

These inks were specially formulated to eliminate “puckering” on Du Pont uncoated Tyvek®. They also find application in the printing of paper and cardboard where a flat lacquer finish is desired.

These inks can be formulated for extended outdoor use on request.

Application Information

While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. See full disclaimer at end of document.

Mesh	60T to 120T mesh for best results.
Stencil	All direct photo emulsions, photo stencil films and hand cut stencil films that are solvent resistant.
Squeegee	70-80 durometer polyurethane blades as well as triple durometer blades that produce an even ink deposit.
Coverage	25-35 Square meters per kilo.
Finish	Flat finish.
Opacity	Good.
Drying	By solvent evaporation. Air-dry 20-30 minutes. Jet-Dry – in seconds
Thinners	N665-S312 - Tyvek Thinners. N665-S427 - TY50 Retarder. No solvents, other than recommended, are to be mixed with ink - puckering may occur.
Clean Up	Screen wash N660-S344.

[continued...]

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General Guidelines

- Ink Handling** All personnel mixing and handling inks must wear gloves and eye protection. Clean up spills immediately. If ink does come in contact with skin, wipe off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash and rinse affected area with soap and water. Consult the Tyvek Series SDS for further instructions and warnings.
- Storage** Store tightly covered at temperatures between 15°C - 32°C. Ink taken from the press should not be returned to the original container. Store separately to avoid contaminating unused ink.
- Shelf life of unopened cans is 5 years from date of manufacture. Stir well before use.

caution

Please proof this ink, reduced to the consistency you wish to adopt, on a sample of the ACTUAL SUBSTRATE you will be printing BEFORE starting a production run.

Give the proof 24 hours to post cure then check for: Abrasion resistance, adhesion, print appearance and correctness of colour. The adequacy of this ink in these properties cannot be fully established on laboratory equipment on a small scale.

Keep away from heat and open flame. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid prolonged breathing of vapour or spray mist. Keep container closed when not in use.

GL stands behind the quality of this product. GL cannot, however, guarantee the finished results because GL exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life cycle from printing, post-print processing, and shipment to end-use. This product has been specially formulated for screen printing, and it has not been tested for application by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from GL.

[end]

Last date amended: 7 February 2023