

EVA Inks

Code Ref: D448

technical information and application instructions

Substrates	EVA & EDPM
End Uses	EVA slops, peaks, and sporting cushions.

Product Information

This series of inks has been developed for printing directly on EVA products like cap peaks, "slops" and sporting cushions. Once thoroughly dry (24 hours) these inks show excellent scuff resistance and water resistance.

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	75T – 120T Mesh.
Stencil	All direct photo emulsions, photo stencil films and hand cut stencil films that are solvent resistant.
Squeegee	70 to 80 durometer polyurethane blades as well as triple durometer blades that produce an even ink deposit.
Coverage	25 – 40 sqm per kilo (90T-120T mesh) Coarser mesh may be required for very dark coloured materials.
Drying	By solvent evaporation. Air-dry in 20 – 40 minutes. May be jet-dried at low temperatures.
Thinners	D564-S070 - EVA Stretch Reducer. D564-S106 – EVA Xtra Slow Retarder.
Clean Up	N660 – S344 Screen Wash

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Notes

Rub & Water Resistance

Rub and water resistance is dependent on the quality and Shore Hardness of the EVA. A smooth closed cell provides better adhesion.

EVA on its own can fail a scratch test and this can give the appearance of ink failure when it is the EVA breaking down.

EDPM

EVA inks also work on EPDM and EVA with its skin/moulded texture left on. However, this substrate must be pre-wiped to remove mould release – for this, test using Blanket Wash. To reduce the inks D564-S133 Extra Bite EVA Reducer is recommended.

Press Ready

Press ready EVA inks are available on request.

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 EVA 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