



Thank you for your purchase of Image Armor E-SERIES™ Inks for Epson® Re-purposed DTG Printers – we are sure that you will be extremely happy with the results when using the inks & Image Armor Pretreatments.

USING IMAGE ARMOR E-SERIES INKS

To achieve the BEST results when using Image Armor E-SERIES™ Inks, make sure that you do the following:

CLEAN your printer by flushing the entire lines, printheads, etc with IMAGE ARMOR™ PRINTER CLEANING SOLUTION. The user manual for your specific printer should have instructions for performing a system flush, alternatively there are many instructional videos to be found on the internet – such as this one for DTG Viper :

<https://www.youtube.com/watch?v=anQUgquGDcQ>

DO NOT USE THE PRINTER CLEANING SOLUTION FOR LONG TERM STORAGE OF YOUR PRINTER AS DAMAGE CAN RESULT TO YOUR LINES AND PRINTHEADS. The CLEANING Solution is fine for flushing the old inks from your printer and then loading the E-SERIES inks back into your printer. Do a couple of head cleanings or test prints to ensure all CLEANING Solution is vacated from the print head before starting any production runs.

NOTE: if you have missing nozzles from your print head nozzle test BEFORE changing out your legacy inks to Image Armor inks, it is likely that you will still have missing nozzles once you have swapped out the inks. The Image Armor Cleaning Solution used during the flushing procedure may, as a side benefit, clear some blocked nozzles, but neither it, nor the Image Armor inks, are a “magic bullet”.

ONLY use Image Armor E-SERIES™ Inks as a complete set in your printer. We do not recommend or suggest inter-compatibility with other DTG inks. Mixing inks can result in poor wash ability, coverage, adhesion, etc.

Use only Image Armor™ Pretreatments for best results. Other pretreatments are not recommended and can severely affect wash durability, adhesion, vibrancy, etc.

Continued on page 2 – important information contained therein

MAINTAINING IMAGE ARMOR E-SERIES INKS

Maximise the shelf life of your Image Armor inks by following these simple guidelines:

1. Store inks in a controlled environment – temperature range should be maintained at 10°~27° celcius – 24/7.
2. Store inks out of direct sunlight
3. Shake white ink daily. Image Armor White Ink bottles supplied by Astech Solutions will contain a glass marble to assist with the agitation of the ink. Daily shaking is required to maintain the ink at it's best. Ink must be shaken until all sediment that will show at the base of the bottle (after bottle has been resting for some time) has been re-constituted:



White ink bottle base with sediment



White ink bottle base after sufficient shaking

4. Shake colour inks twice monthly for 5 minutes and agitate gently before topping up ink in printer.

CURING IMAGE ARMOR E-SERIES INKS

Cure the E-SERIES™ Inks at 180C / 356F for 35 seconds. You can go a little longer on the cure time, however best results are achieved at the suggested time and temperature.

Use light to medium pressure on the heat press to cure the ink.

Allow for 24 hours after heat pressing before washing the shirt. This allows continued curing of the ink. Washing immediately will result in about a 10-15% decrease in print quality life.

PLEASE NOTE: We DO NOT RECOMMEND mixing Image Armor Inks with other inks sets on the market. Due to the 35 second cure time use with other inks can cause adverse issues with curing and washing. We have not tested for inter-compatibility nor do we recommend use of the inks in that manner. Inter-Comparability may result in poor wash fastness, durability, color retention, etc. In addition, we only recommend the use of Image Armor Pretreatments for best wash fastness and durability of the Image Armor Inks.

Please do not hesitate to contact us should you have any questions or require clarification on the above.



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