

Frequently Asked Questions

Media Expansion with Xerox® HD EA Low Gloss Clear Dry Ink on the Xerox® Iridesse® Production Press

The Xerox® Iridesse® Production Press has always printed brilliantly on a wide array of media. But now customers can confidently expand their job reach to a whole new set of traditionally challenging stocks using Xerox® HD EA Low Gloss Clear Dry Ink in the press's overlay station.

Continuous Iridesse platform innovation unlocks an impressive application range, ensuring customers can continue to fully leverage their technology investment. Low Gloss Clear Dry Ink allows CMYK toners to fully transfer so challenging textured and dark colored media can be run with optimal image quality.

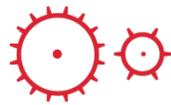
MEDIA EXPANSION USING LOW GLOSS CLEAR DRY INK AT A GLANCE



SYSTEM COMPATIBILITY:

Any Xerox Iridesse Production Press

Note: It can be used as an upgrade opportunity for existing presses in the field.



COMPONENTS REQUIRED:

Overlay Print Station

Note: Low Gloss Clear Dry Ink cannot be run in a single pass job with regular Clear Dry Ink.



OPPORTUNITY AREAS:

Stocks whose surfaces contribute to mottle when run on Iridesse:

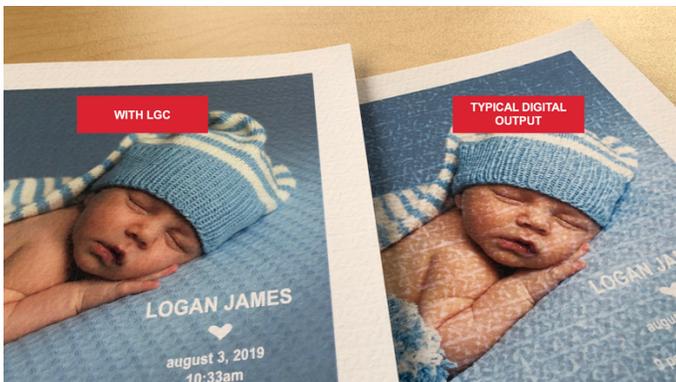
- Textured stocks, especially those with extreme surface variation
- Colored stocks, especially when implementing a White underlay
- Some uncoated media whose surfaces contribute to mottle

WHAT IS THE DIFFERENCE BETWEEN CLEAR DRY INK AND LOW GLOSS CLEAR DRY INK?

Clear Dry Ink is intended to be used as a design embellishment, whereas Low Gloss Clear is intended to enable media expansion by aiding the transfer of CMYK toners to highly textured and colored media.

HOW DOES LOW GLOSS CLEAR DRY INK ENABLE MEDIA EXPANSION?

Low Gloss Clear is applied as an overlay to CMYK to assist in full transfer of the CMYK toner from the imaging belt to the sheet. Low Gloss Clear toner particles help to push the CMYK particles into the paper's surface, resulting in smoother, more pleasing images on challenging media.



ARE THERE SPECIFIC MEDIA THAT BENEFIT FROM LOW GLOSS CLEAR DRY INK?

Jobs run with Low Gloss Clear Dry Ink on textured and very heavyweight stocks show the most benefit because these types of media have surfaces that are inconsistent. Media surface inconsistencies can make solids and images look mottled, and make smaller text appear “broken” and hard to read when jobs are run using traditional digital print processes.

On these jobs, an overlay of Low Gloss Clear can improve the appearance of paper mottle and small text, delivering visibly better-looking prints.

CAN LOW GLOSS CLEAR DRY INK IMPROVE JOBS RUN ON HARD-TO-PRINT UNCOATED STOCKS, TOO?

Yes. Low Gloss Clear Dry Ink unlocks a noticeable visual improvement on many different paper types, including uncoated media. While not as extreme as very textured media, some uncoated papers also have surface inconsistencies that can contribute to printing challenges.

In many cases, use of Low Gloss Clear on these challenging uncoated media results in visibly improved smoothness of solids, images, and text.

DOES LOW GLOSS CLEAR BENEFIT SYNTHETIC MEDIA?

No, Low Gloss Clear Dry Ink does not offer a benefit to synthetic media.

DOES LOW GLOSS CLEAR BENEFIT HIGH-GLOSS STOCKS?

Yes, Low Gloss Clear Dry Ink can help reduce toner spread and produce better image quality on very shiny, high-gloss stocks.

IS LOW GLOSS CLEAR APPLIED AS AN UNDERLAY OR OVERLAY?

Low Gloss Clear Dry Ink is applied as an overlay.

CAN I USE MY EXISTING CLEAR HOUSING FOR LOW GLOSS CLEAR?

No, Low Gloss Clear Dry Ink requires a separate housing and license.

DOES LOW GLOSS CLEAR ACT AS A PRIMER?

No. A primer is typically applied as an underlay, pre-process.

IS LOW GLOSS CLEAR APPLIED TO THE ENTIRE SHEET?

No. Low Gloss Clear Dry Ink should only be applied to printed image areas.

CAN LOW GLOSS CLEAR DRY INK BE USED AS AN EMBELLISHMENT?

No. Low Gloss Clear has been designed to improve transfer and expand the range of media that will deliver brilliant quality on Iridesse Presses.

HOW DO THE PROPERTIES OF CLEAR DRY INK AND LOW GLOSS CLEAR DRY INK DIFFER?

The new Low Gloss Clear Dry Ink has—as its name implies—a lower-gloss appearance than the Clear Dry Ink we have been selling with Iridesse since the press launched. Low Gloss Clear Dry Ink contains 5 gloss parts per particle versus the 15 gloss parts per particle that are in Clear Dry Ink.

Low Gloss Clear Dry Ink's lower-gloss appearance is purposeful: Low Gloss Clear Dry Ink is applied as a transfer assist layer on top of CMYK images, so our engineers wanted to ensure it did not dramatically impact the gloss levels of the CMYK toners under it.

Clear Dry Ink is intended as an embellishment, thus has a far glossier, more noticeable appearance when printed.

ARE THERE SITUATIONS WHERE MY CUSTOMER COULD USE LOW GLOSS CLEAR IN PLACE OF CLEAR AS AN EMBELLISHMENT, EVEN THOUGH THAT IS NOT ITS PRIMARY USE?

No, it is not recommended.

CAN CLEAR DRY INK AND LOW GLOSS CLEAR DRY INK BE USED IN THE SAME PRINT JOB IN A SINGLE PASS?

No. Since Clear Dry Ink and Low Gloss Clear Dry Ink must both be run in the overlay station of the press, they cannot be used at the same time.

CAN I RUN LOW GLOSS CLEAR DRY INK AS A FIRST PASS, THEN RUN CLEAR DRY INK IN A SECOND PASS TO APPLY DESIGN EMBELLISHMENTS?

It is not recommended to run Low Gloss Clear and overprint Clear Dry Ink in a second pass as hazing or yellowing of the inks may occur.

CAN MULTIPLE PASSES OF LOW GLOSS CLEAR BE APPLIED TO CREATE TEXTURE?

No, it is not recommended. Low Gloss Clear has been designed to improve transfer and expand the range of media that will deliver brilliant quality on Iridesse Presses. It is not intended to be used as an embellishment.

CAN LOW GLOSS CLEAR DRY INK BE USED AS A FLOOD COAT?

There is no benefit to applying Low Gloss Clear Dry Ink as a flood coat as it would add cost unnecessarily.

Low Gloss Clear should be applied as an overlay on top of CMYK imagery and text only. It should not be used to flood a full sheet. Jobs requiring a flood coat should use our standard Clear Dry Ink.

CAN I USE LOW GLOSS CLEAR WITH METALLIC DRY INKS?

Yes. However, Low Gloss Clear can lower the sparkle of metallic Silver and Gold Dry Inks.

CAN I USE LOW GLOSS CLEAR WITH WHITE DRY INK?

Yes, you can.

HOW IS LOW GLOSS CLEAR DRY INK APPLIED TO FILES?

Low Gloss Clear Dry Ink can be applied to files in two ways:

- It can be applied at the Xerox® EX-P 6 Print Server using provided operator tools. A step-by-step How-To Guide has been provided by EFI that walks operators through this process. You can also reference the How-To video.
- It can be applied to native Creative Suite files as an overlay layer, similar to our Clear Dry Ink. This will typically be done by a prepress operator who has assessed the need for Low Gloss Clear Dry Ink based on the specified media and any prepress proofs that have been run.

WHAT ARE THE INK LIMITS FOR LOW GLOSS CLEAR DRY INK?

Low Gloss Clear Dry Ink is not ink-limited—you get exactly what you request.

HOW DO I ESTIMATE LOW GLOSS CLEAR DRY INK USE?

Customers can continue to use the same ink estimation tool that is currently available to them for all specialty inks.

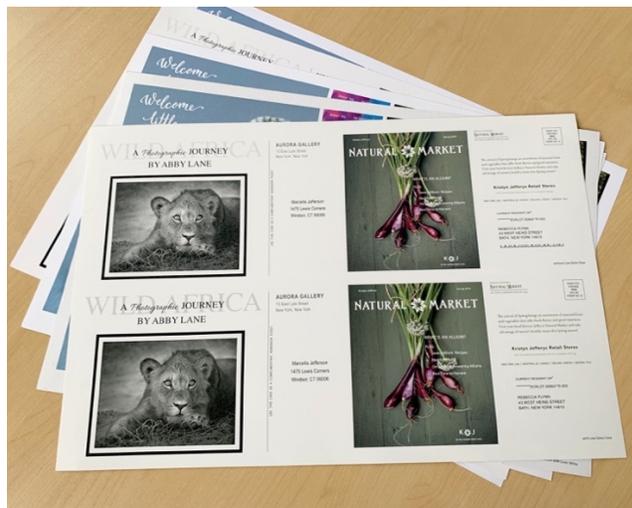
HOW CAN I ORDER LOW GLOSS CLEAR DRY INK OR SEE SAMPLE APPLICATIONS?

Your customer can order Low Gloss Clear Dry Ink through their regular ink order channels. As with other Specialty Dry Inks, a license is required. Low Gloss Clear will be priced similarly to our current Clear Dry Ink.

Sample applications can be ordered through MAPS (Iridesse Media Expansion Kit with Low Gloss Clear Dry Ink, MAPS #747P00019).

ARE THERE ADDITIONAL SALES TOOLS OR RESOURCES AVAILABLE TO HELP ME COMMUNICATE THE VALUE OF LOW GLOSS CLEAR DRY INK?

- An application sample kit is available in MAPS (#747P00019)
- An ECE/Customer Presentation is available in SMART Centre and on ShowPad that includes Low Gloss Clear Dry Ink
- A Spec Sheet/Cutaway is available in SMART Centre, online, and on ShowPad that includes Low Gloss Clear Dry Ink
- An updated Xerox® Iridesse® Customer Expectations Document (CED) is available in SMART Centre
- An updated Iridesse Sales Primer e-Learning course is available on Learning@Xerox (code XIP101)
- A Sales Conversation Video is available on the Xerox XtremeVideo Channel (<https://xerox.ravnur.com/partner/group/20647.aspx>)
- An Under the Hood Video going into deeper-dive technical detail is also available on the Xerox XstreamVideo Channel (<https://xerox.ravnur.com/partner/group/20647.aspx>)
- A customer-facing How-To Video that illustrates the application of Low Gloss Clear Dry Ink is available on YouTube (<http://xerox.com/IridesseVideos>)



Iridesse Media Expansion Kit with Low Gloss Clear Dry Ink

Direct your customers to <https://www.xerox.com/Iridesse>