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DTG's HDR ICC Profiles

HDR ICC profiles are a new offering from DTG which greatly improve the accuracy and image quality of your prints. These profiles are created with the graphics industry's most accurate spectrophotometer and most advanced software. Our HDR profiles are initially created from over 2000 patches of color, read in with the spectrophotometer, then processed & built. We then optimize the profile for a second iteration, generate a second set of targets, and print again. We then read those optimized patches with the spectro, process the data, and generate the final profile.

This extended process with the advanced hardware and software offers up to 25% more color gamut, greater shadow detail, smoother linearity, and greater neutrality. Prints from these profiles are simply more accurate, and offer you a much greater chance of printing most or all of the colors in your image files. Its important to note that we are still offering our standard ICC profiles for those users who need to match older or legacy prints. To the naked eye, prints from standard icc profiles will appear to be more contrasty due to the lack of shadow detail vs prints from our HDR icc profiles.

You can locate these HDR profiles from our ICC profile library within the "1.HDR ICC Profiles" folder. All of the profiles located in the other folders are our standard ICC profiles which are our standard custom profiles.

DTG offers these profiles free of charge to our regular customers who continue to purchase ink and media from us. Contact DTG at 800.681.0024 for more information or to try one of these new ICC profiles for your printer & media.

In the illustration to the right, we illustrate in both 2D & 3D forms the difference in gamut between Epson's ICC profile for Hot Press Bright paper vs. our HDR ICC profile for Hot Press Bright. The black line represents the Epson profile while the white line is our HDR profile.

As you can see, our HDR profile has significantly more overall color gamut as well as greater shadow range and detail.

