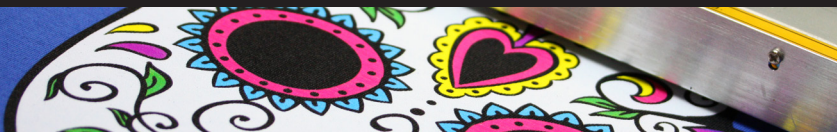




FIREBIRD
DIGITAL INKS



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www.firebirdink.com

FIREBIRD FBX-100 Pretreatment Application

Whether you're a seasoned DTG pro or just getting started, pretreatment application is a critical step in producing **Vibrant Prints** with **Excellent Washability!** For video demonstrations and online tutorials visit our advanced knowledge base - www.firebirdink.co/knowledge-base

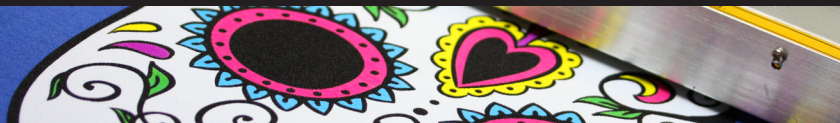
1. Fill your automatic pretreatment machine OR manual sprayer (Wagner® HLVP) with **FIREBIRD FBX-100** pretreatment. For best results, do not dilute.
2. Target between 16.5g to 22.0g of **FIREBIRD FBX-100** per 14" x 17" print area. **FBX-100** has a wide application window, but apply as evenly as possible across the shirt.
3. Set your heat press temperature to 330°F (166°C) with medium pressure.
4. Heat press the pretreated area for 30 to 60 seconds, or until dry to the touch.
Tip: The parchment sheet should "fly" off the t-shirt when the heat press pops open. If you have to peel the sheet off the shirt continue heat pressing at 15 second intervals until fully dried and properly cured.
5. You are now ready to start printing!



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FIREBIRD FBX-100 Tips & Tricks

- **FBX-100** allows for a wide application window. FIREBIRD's in-house testing results suggests up to 35.0grams of **FBX-100** can produce extraordinarily white prints with FIREBIRD White Ink. However, applying more than this amount may negatively effect wash results (flaking, cracking, peeling). Applying less then 16.5g may result in a less than vibrant FIREBIRD white ink print.
- Each t-shirt brand / colors affects the pretreatment amount for an optimal print. For example, a Black Gildan Heavy Cotton is optimized at 22.0g, while a Black Spectra 2100 optimizes at 18.0g. Refer to [FIREBIRD Ink Shirt Matrix](#) to see what brand shirts print best.
- Heat presses temperature readings are surprisingly inaccurate. We recommend checking for 330°F with a non-contact IR thermometer across the heat press platen to ensure consistently.
- When manually spraying with a Wagner® HLVP, the optimal distance is between 8" to 12" from the t-shirt. Continuously spray from top bottom or from left to right without turning off the sprayer. Minimize any "dwelling" of the sprayer to prevent from pretreatment buildup in any one location.
- Keep your heat press pressure at medium (4 out of 10 on a Stahls® Hotronix) - Enough to matte down the fibers while also allowing moisture to escape when curing the pretreatment.
Note: When curing the final printed shirt, apply "light" pressure for most vibrant results.
- FBX-100 has a 2 year shelf life, the longest in the industry. Store in 50°F-85°F conditions away from direct sunlight and heat (Such as your heat press).
- Be sure to use a silicone-treated parchment sheet or kraft cover sheet to protect heat press from direct contact with t-shirt. The sheet also helps wick away moisture when curing.
- Always conduct your own testing to optimize pretreatment results!