



## Technical Notes

### Pretreatment

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**Applicable Models:** AnaJet FP-125 printer series

Any time white ink is used, pretreatment is required. Without pretreatment, white ink will soak into your garment and will not show up. With an underbase setting of [Drop Size: Medium and Level 3] most t-shirts will have more than enough white ink to appear opaquely white. If your prints do not appear opaquely white at this setting, most likely there is a problem with your pretreatment process.

Please check the following if you white ink doesn't look white enough.

1. **Make sure that you are mixing your pretreatment with distilled water.** Distilled water is very important because most local water supplies contain substances that will interact with the pretreatment and prevent correct interaction with white ink. Also, do not use mineral or spring water.
2. **Dilute the pretreatment by a 1 to 1 ratio.** This means that there should be an equal amount of pretreatment solution as distilled water.
3. **Make sure that you are spraying heavily enough.** When first learning how much pretreatment to use, we recommend that you spray more than may be necessary. Once you have gained more experience you may want to apply less pretreatment. As a general rule, if your pretreatment is soaking through to the opposite side of the garment, too much pretreatment is being used.
4. **Use a proper spraying technique method.** You should be using either a high volume low pressure paint sprayer or a Hudson sprayer. Use of paint rollers or small spray bottles is not recommended.