

Nazdar CARE118 UV Flattening Paste

Nazdar CARE118 UV Flattening Paste was created to be the next generation of matting paste for most Nazdar UV ink lines.

CARE118 provides the following advantages over CARE59 Satin Paste:

- Easy mixing for consistent printing
- More effective gloss reduction
- Cleaner, whiter appearance
- Less color change to the base ink

Comparing CARE118 to CARE59

CARE59 UV Satin Paste has been a staple gloss reducing additive for many years. At the time, CARE59 used cutting edge raw materials that made it universal for most Nazdar UV inks. Recently, the availability of new raw materials has made it possible to create an improved flattening paste. Formulation advances that address user concerns resulted in the newly introduced CARE118 UV Flattening Paste.

CARE118 has a whiter appearance compared to the slight amber appearance of CARE59. CARE118 can be used in higher percentages with less yellowing effect than CARE59. This allows an ink to be flattened without compromising the color hue.

CARE118 uses new technology to keep ingredients in suspension longer, resulting in less separation and settling. All flattening pastes need to be mixed before use because some degree of separation will occur, but CARE118 is significantly easier to mix before use. CARE59 separates at a more rapid pace than CARE118 and remixing is difficult.

Moving Forward

Both products are available for ordering. CARE118 will most likely replace CARE59 in the long-term; however, CARE59 will continue to be available while users transition to CARE118.



Usage Parameters

CARE118 UV Flattening Paste can be used in most Nazdar UV and UV-LED ink series. Do not exceed 20% CARE118 by weight; additions above 20% affect the cure of the base ink and may cause failures in adhesion, durability, and resistance.

Exceptions: Do not use CARE118 or CARE59 in Nazdar 1500 Series, 3400 Series or 2400 Series.

Do not use CARE118 or CARE59 in Nazdar 4000 Series when thermal forming the finished product.

When using any Nazdar additive, it is imperative to test the suitability of the product before making a full production run.

For questions about Nazdar ink or additives, please contact Nazdar's Technical Support Team at inkanswers@nazdar.com.