

In This Issue Adhesion Promoters & Primers

Quick Tips

In some cases, heat can help adhesion. Try using a heat gun prior to printing to see if that increases adhesion.

Using different print properties can also help. Test using a clear base with and without the promoter.

Try white and clear with and without promoter.

Using Primers and Promoters for Increased Adhesion

UV curable inks are known for some of the best adhesion to substrate properties in the industry. Even so, there are materials that do not get the desired adhesion required for the application. Sometimes what is required is help strengthening the bond between the ink film and the substrate. DCS recommends different promoters for different materials. Each has its own recommended use and they will require a bit of testing to ensure they perform as desired. When testing a new promoter, review image quality, adhesion and durability. Final acceptance can only be judged by the customer in the intended application.

Application Instructions

Use a lint free cloth and wipe the promoter on the substrate. The promoter does not need to be dry before use but make sure it is applied in a thin even coat. The shorter the time between application and printing, the better.

Low Odor Adhesion Promoter Product #I-UV-ADHPR2-200

Direct Color Systems

www.directcolor.com/860-829-2244

Use for Acrylic, Coated Metal, Coated Wood, Rubber, Coated Plastics

Note: This promoter can damage the surface of some substrates, specifically thin acrylic. In this case, dilute the promoter with 99% isopropyl alcohol.

70 parts IPA to 30 parts Low-Odor Adhesion Promoter is a common mixture.



Bohle Metal Adhesion Promoter

Product # BO 5209488 (3.5 Fl. Oz.) or BO 5209489 (35.27 Fl. Oz.)

Bohle www.portalshardware.com or www.dkhardware.com

Use for Glass, Ceramic, Stainless Steel, Coated Metal, Uncoated Metal

Note: This promoter dries fast, be careful not to over apply.

Over application only wastes the promoter and will not further increase adhesion.

Additional Promoters

Kolorjet Metal & Glass Primer Product #KJ-8214

Kolor-Cure www.kolorcure.com 630 879-9050

Uses: Wood, Glass, Metal

RUCO Adhesion Promoter Product #100VR1075

COMDEC Inc. www.comdecinc.com 800 445-9176

Uses: Polypropylene

Please note that DCS does not sell or ship any promoters except the Low Odor Adhesion Promoter. Test all products before committing to them.

www.directcolor.com