

Film 4000™ Dry Mount Film Adhesive

Description

Designs Ink is pleased to announce the introduction of Film 4000™, a heat-activated, neutral pH, inert, stable, 100% film adhesive with no tissue carrier, filling the void of Fusion 4000 and Flobond. The adhesive melts during the heating process, and bonds as it cools under an even weight. It may be patched, overlapped, and pieced together because it flows under heat and pressure. Film 4000 is self-trimming and perfect for use with colored substrates allowing for color tinting, for mounting two-sided printing to prevent ghosting with newsprint and magazine pages, for analog photographs (including RC® and fiber-base), for medium weight fabrics, canvas, and art papers. It is not the best choice for digital prints, and should not be used for parchment, vellum, or original art.

Since thermal-activated adhesives reactivate when reheated they are removable, though sheer papers, silks and over-heated temperatures may limit removability. Reheat a little hotter and longer, then peel apart prior to cooling.

Specifications Chart

pH Content (adhesive):	7.0
Base Material:	none
Thickness (mils):	2.0
Temperature Range:	170°F-200°F
Minimum Temperature:	170°F
Suggested Temperature:	180°F-190°F
Bond Type:	Film, Porous, Removable
Time/Mechanical Press:	1-2 minutes
Time/Vacuum Press:	3-5 minutes (after draw)



Basic Directions

Film 4000 is designed for use with a mechanical or hot vacuum press under a temperature between 180°F - 190°F. All layers must reach full minimum adhesive activation temperature for the appropriate time in order to create the desired bond.

Step-by-step: Preheat the press to the desired temperature; pre-dry all layers (except adhesive) in folded Kraft paper in closed press for 30 seconds when using a mechanical press to eliminate moisture; tack the adhesive and art to the substrate; stack all layers in clean release paper envelope, or top and bottom release sheets; set timer to bond all layers; close and lock press for set time; remove from press and place under an even weight to cool. Once cool, check for bond, if not fully fused place back into press at same temperature for a longer duration than originally set. It must reach the full bonding temperature again plus the additional time to extend the bonding time and improve the bond.

The Mounting And Laminating Handbook, Third Edition by Chris A. Paschke, CPF GCF has additional mounting techniques and guidelines including pre-mounting, self-shaping, press adjustment, and TTPM (time, temperature, pressure, moisture) elements of mounting for all adhesives including wet, spray, pressure-sensitive and dry mounting.

Creative Mounting, Wrapping And Laminating by Chris A. Paschke, CPF GCF also has many ideas for profit making uses of Film 4000.

Order Film 4000™

Currently only available in one roll size, shipped FOB Tehachapi CA 93561.

DMF-4000 20.8" x 164' (530mm x 50M) \$ 189.95 + shipping

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