MountCor® Canvas

Permanent HA board developed for mounting printed canvases

Mounting Instructions for Presses

MountCor Canvas bonds in the press as it reaches temperature. Dwell time may be added without concern for damaging art, but never increase both time <u>and</u> temperature. Remember that 130°F is safe for all digital images, but 150°F is not.

Mechanical Press

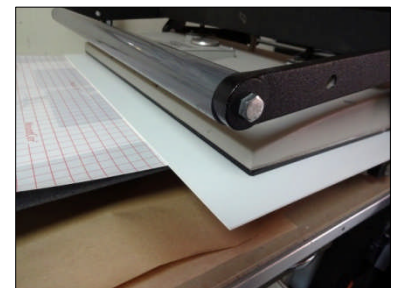*Single Mount (no larger than platen)*
1. Warm press to **130°F** temperature.
2. Remove gridded liner and align canvas face up.
3. Cover with release paper larger than the board.
4. Place in press, lock closed for **3 minutes**.
5. Remove from press and allow to cool.
6. Trim to size as needed.

Multiple Bite Mount
Bonding images larger than the press platen is possible using multiple bites. Each bite must overlap the previous to insure the entire adhesive bond has been fully activated, and a release board is required to prevent dents in the foam. A slightly longer dwell time is required because of the added release board.

1. Warm press to **130°F** temperature.
2. Verify arm adjustment is 45° for MCC + canvas + release board thickness.
3. Remove gridded liner and align canvas face up on the oversized board.
4. Position mount in the press for first bite.
5. Cover section within the press with the release board.
6. Lock press closed for **4 minutes**.
7. Move to next bite and mount 4 minutes. Continue until done.
8. Remove from press.
9. Trim to size as needed.

Hot Vacuum Press

Basic Mount
The draw time of a vacuum press varies depending on manufacturer and overall size of the press. A 4 minute dwell time allows for the draw of the air and moisture from within the press and for the dwell time required to activate and bond the canvas. Release boards are never required for any technique in a vacuum press. If they are used for convenience they should not be used when bonding to MountCor Canvas.

1. Warm press to **130°F** temperature.
2. Remove gridded liner and align canvas face up on MCC.
3. Place in press and cover with release paper larger than the board.
4. Single-sided release paper best allows for smooth air free bond.
5. Close press lid and run full cycle for **4 minutes**.
6. Open press and air cool before removing release paper.
   The adhesive feels tacky when first removed but is fully bonded.
7. Remove from press.
8. Trim to size as needed.

See Suggested Settings Chart reverse side for additional information.

Mounting Instructions for Roll Laminators

MountCor Canvas bonds in a roll laminator at a reduced roller temperature of 260°F while still achieving a bond with full tear strength. All exposed adhesive and canvas must be covered with a release liner when feeding through heated rollers.

Hot Roll Laminator
Basic Mount
1. Warm roller to **260°F** temp and set FPM speed.
2. Adjust rollers to substrate thickness.
3. Pull back gridded liner and align image on board.
4. Close liner to hold image in place.
5. Feed the liner through the rollers with the board to protect the roll.
6. Nip end into rollers and allow it to feed through on automatic.
7. Trim to size as needed.

****
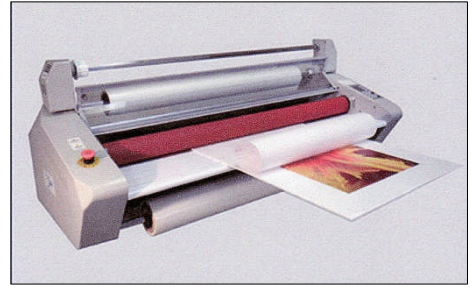
Suggested Settings for Roll Laminator

Though recommended roller temperature is **260°F at 1-4 fpm** for digitally printed canvases, temperature and fpm time will depend on the desired bond strength. Natural fabrics, synthetic fabrics and digital images on paper may mount very well a lower temperature or faster fpm. Heavyweight and textured watercolor papers mount better at higher temperatures and slower fpm.

Image	Details	Temperature	Feet Per Minute*
Digitally Printed Canvas	11 mil – 24 mil weight canvases	260°F	1-4 fpm
Natural Fabrics	Cotton, silk, linen, canvas	260°F	1-4 fpm
Synthetic Fabrics	Poly-silk, velour, moiré, satin	260°F	1-4 fpm
Heavy Textured Papers	Unpainted watercolor & embedded	260°F	1-4 fpm
Polyester Encapsulates	Two-sided maps/charts	260°F	1-4 fpm
Digital Image on Paper	Laser, plotter, Inkjet (all)	260°F	1-4 fpm
Digital Photo on Paper	RC, RA-4, dye sub, dye diffusion	260°F	1-4 fpm

* Modify FPM speed to insure maximum bond and to fit production needs.
The adhesive activates between 200°F-260°F with speed settings ranging from 1-10 FPM.
Lower temperatures at slower dwell times (fpm) have proven good results for thinner fabrics, papers and photos with MountCor Canvas.

Suggested Settings for Mechanical and Vacuum Heat Presses

Image	Details	Temp	Mechanical*	Mechanical +Release Board	Vacuum* No Release Board
Digitally Printed Canvas	Full platen, fits in press	130°F	3 minutes		4 minutes
Canvas	Multiple bites* - timed per bite	130°F		4 minutes	4 minutes
Canvas	Single-sided release paper*	130°F	3 minutes		4 minutes
Natural Fabrics	Cotton, silk, linen, canvas	130°F	2 minutes		4 minutes
Synthetic Fabrics	Poly-silk, velour, moiré, satin	130°F	2 minutes		4 minutes
Heavy Textured Papers	Unpainted watercolor & embedded	130°F	1 minutes	3 minutes	2 minutes
Polyester Encapsulates	Two-sided maps/charts	130°F	30 seconds	3 minutes	2 minutes
Digital Image on Paper	Laser, plotter, Inkjet (all)	130°F	30 seconds	3 minutes	2 minutes
Digital Photo on Paper	RC, RA-4, dye sub, dye diffusion	130°F	30 seconds	3 minutes	2 minutes

* Duration times may vary depending on weights of materials and sizes being mounted.