

SAWGRASS™

Sublimation Heat Press Settings

This press guide provides our recommended time, temperature, and pressure settings for sublimating Sawgrass inks by substrate material.

The following chart should serve only as a starting place. Producing high-quality products requires several variables including but not limited to: suitable substrates and substrate quality, a calibrated heat press, smart color management, following manufacturer guidelines, testing and practice.

If you are having difficulty or the substrate is not listed below, contact your dealer or the substrate manufacturer for their specific recommendations

| Surface | Press Time | Temp | Pressure | Tips/Comments |
|----------------------------------|--------------------------|-------------------------------------|----------------------------|---|
| Acrylic | 60 seconds | 400° F | 40 psi (medium) | Print a non-mirror image onto Paper. Image should be larger than the substrate. Remove the protective film on both sides of acrylic item. Place substrate on the heat press with the transfer paper on top. |
| Ceramic Mugs | 150-210 seconds | 350-400° F | 40 psi (medium) | Time varies with press. Mugs should be cooled down after transfer paper is removed in either a bucket of warm water or using a cooling plate. |
| Ceramic Tiles | 300 - 720 seconds | 400° F 204 C | 40 psi (medium) | Time varies depending on tile type and size. Always consult manufacturer. Press tiles from back (transfer side down). Press into silicon pad. |
| Glass | 180 - 240 seconds | 360 - 400° F 182 - 204 C | 40 psi (medium) | Be careful not to put too much pressure on the glass. This can shatter it. Wear protective gear. Always check with the substrate manufacturer for pressure and heat settings. |
| HTV (Heat Transfer Vinyl) | 15 - 30 seconds | 310° F 154 C | 40 psi (medium) | Make sure to remove the backing before pressing. You can press with a mask if needed. Peel mask immediately after pressing. Do not wash for at least 24 hours. |
| MDF board | 60 seconds | 400° F 204 C | 40 psi (medium) | Remove plastic coating and press with the transfer paper on top. Remove immediately after pressing unless the surface is textured, then wait for substrate to cool and remove the transfer paper |
| Metal | 60 seconds | 400° F 204 C | 40 psi (medium) | Remove plastic coating before pressing. Use blow-out paper. |
| Neoprene | 45 seconds | 400° F 204 C | 40 psi (medium) | Look for a tight knit and high white point for more vibrant color. |
| Polyester | 35-45 seconds | 400 - 410° F 204 - 210 C | 40 psi (medium) | Pre-press shirt for 3-5 seconds to eliminate moisture. Tack spray transfer and use blow-out sheet to avoid ghosting. |
| Siser EasySubli HTV | 15 - 30 seconds | 310° F 154 C | 40 psi (medium) | Make sure to remove the backing before pressing. You can press with a mask if needed. Peel mask immediately after pressing. Do not wash for at least 24 hours. |
| Tumbler | 60 - 90 seconds | 365° F 185 C | 40 psi (medium) | Time varies with press. If you are doing a full wrap, press for 60-90 sec. then rotate your tumbler 180 degrees and press a second time for 60-90 sec. |