

SUBLIMATION HEAT PRESS GUIDE

The following chart should serve only as a starting place. Producing quality end products is a matter of suitable substrates, a calibrated heat press, smart colour management, following manufacturer guidelines, testing and practise! If you are having difficulty or the substrate is not listed below, contact your reseller or the substrate manufacturer for their specific recommendations.

| Surface | Time | Temperature | Pressure | Tips |
|--|-------------|--------------|------------------|--|
| Ceramic Mugs | 150-200 sec | 175 - 205° C | 40 psi Medium | Time varies with press. Press into silicon pad. Mugs should be cooled down after transfer paper is removed either in a bucket of warm water or using a cooling plate. |
| Stainless Steel Tumblers | 60-90 sec | 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 for a second time for 60-90 sec. |
| Polyester Fabric | 35-45 sec | 205 - 210° C | 40 psi Medium | Pre-press shirt for 3-5 seconds to eliminate moisture. Tack spray transfer and use blow-out paper to avoid ghosting. |
| Wood | 60 sec | 205° C | 40 psi Medium | Remove and plastic coating. Press with transfer on top. |
| Polyester Foam with Backing (Mousepad) | 45 sec | 205° C | 40 psi Medium | Look for a tight knit and high white point for more brilliant colour. |
| Metal/ChromaLuxe (Unisub Brand) | 60 sec | 205° C | 40 psi Medium | Use blow-out paper. Remove plastic coating before pressing. |
| Metal (Other Brands) | 45 sec | 190 - 205° C | 40 psi Medium | Time varies with metal manufacturer (always consult manufacturer for correct time and temp.) Place absorbent sheet on the bottom of the heat press. Then place the product transfer side DOWN on top of the absorbent sheet. |
| Unisub Products | 60 sec | 205° C | 40 psi Medium | Remove plastic coating. Tear transfer paper away immediately after pressing. |

| Surface | Time | Temperature | Pressure | Tips |
|---|-------------|--------------|---------------------------|--|
| Glass or Ceramic Tiles | 300-720 sec | 205° C | 40 psi Medium | Time varies depending on the tile type and size. Always consult the manufacturer. Press tiles from back (transfer side down). Press into silicon pad. |
| Fire Retardant Plastic | 40-75 sec | 175 - 205° C | 40 psi Medium | Remove plastic coating. Tear transfer paper away immediately after pressing. |
| Hardboard | 60 sec | 205° C | 40 psi Medium | Remove plastic coating and press with the transfer paper on top. Remove immediately after pressing unless the surface is textured. If textured, wait for substrate to cool and then remove the transfer paper. |
| Glass | 180-240 sec | 180 - 205° 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. |
| Felt | 60 sec | 205° C | 30-40 psi Light/Medium | Felt can curl as it cools down. Place a heavy object on the substrate immediately after pressing and allow to cool while compressed. |
| Marble | 120 sec | 200° C | 40 psi Medium | Peel transfer paper while hot. If the marble has attachable cork or material, wait for the substrate to fully cool before attaching. |
| Siser EasySubli Heat Transfer Vinyl (HTV) | 15-30 sec | 155° 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. |
| Polyester Linen | 55-65 sec | 195 - 220° C | 40 psi Medium | Peel transfer while hot. Press with substrate facing up and transfer paper on top. |