



pydlife / pydlifeblanks



VERSION: 202309



Printing Parameters for Tumbler Heat Press

Item Name	Temp.(°C/°F)	Time(S)
		
Short Ceramic Mugs with Handle	180°C / 356 °F	280
1. Print on sublimation paper, mirror image; 2. Tape the image on the mug with heat-resistant tape and put the mug into the heat press to adjust pressure; 3. Take out the mug, and let the machine preheat to 180°C. You can put two unused mugs into the heater while it's preheating to extend its life; 4. As the machine heats up to 180°C, take out the unused mugs, and put the printed mugs inside; 5. Take out the mug when the time is up; 6. Peel off the image. Tips: 1. Preheat the ceramic mugs to get more vivid colors if it's a very thick mug; 2. Please put the two mugs into the heater with bottom to bottom, no gap in between, to avoid an uneven heater after multiple uses, to prolong the lifetime of tumbler heaters.		
		
Short Glass Mugs with Handle	180°C / 356 °F	280
1. Print on sublimation paper, mirror image; 2. Tape the image on the mug with heat-resistant tape and put the mug into the heat press to adjust pressure; 3. Take out the mug, and let the machine preheat to 180°C. You can put two unused mugs into the heater while it's preheating to extend its life; 4. As the machine heats up to 180°C, take out the unused mugs, and put the printed mugs inside; 5. Take out the mug when the time is up; 6. Peel off the image. Tips: 1. Preheat the glass mugs to get more vivid colors if it's a very thick mug; 2. Please put the two mugs into the heater with bottom to bottom, no gap in between, to avoid an uneven heater after multiple uses, to prolong the lifetime of tumbler heaters.		
		
Glass Tumbler Mugs & Bottles	180°C / 356 °F	Full Print: 1st 90-150s, 2nd 40-130s
1. Print on sublimation paper, mirror image; 2. Tape the image on the mug with heat-resistant tape and put the mug into the heat press to adjust pressure; 3. Take out the mug, and let the machine preheat to 180°C. You can put an unused mug into the heater while it's preheating to extend its life; 4. As the machine heats up to 180°C, take out the unused mug, and put the printed mugs inside. If you want to print a partial image in the middle of the bottle, one press for 120-150 seconds is enough; 5. If you want to print a full image around the bottle, press for 90-150 seconds, rotate it 180 degrees, and press it again for 40-130 seconds; 6. Peel off the image. Tips: 1. Take off the lid & straw before printing; 2. Preheat the glass mugs to get more vivid colors if it's a very thick mug; 3. Please put the two mugs into the heater with bottom to bottom, no gap in between, to avoid an uneven heater after multiple uses, to prolong the lifetime of tumbler heaters.		

Item Name	Temp.(°C/°F)	Time(S)
		
Stainless Steel Tumblers, Bottles, Mugs	180°C / 356 °F	Full Print: 1st 60-80s, 2nd 30-40s
1. Print on sublimation paper, mirror image; 2. Tape the image on the bottle, put the bottle into the heater, and adjust the printing pressure; 3. Take out the bottle, and let the machine preheat to 180°C. You can put one unused bottle into the heater while it's preheating to extend its life.; 4. As the machine heats up to 180°C, take out the unused bottle, put the printed bottle inside and press it for 60-80 seconds; 5. If you want to print a full image around the bottle, rotate it 180 degrees, and press it again for 30-40 seconds; 6. If you want to print a partial image in the middle of the bottle, one press for 60-80 seconds is enough; 7. Peel off the image, Tip: 1. Take off the bottle lid before printing; 2. Wear heat-resistant gloves to avoid burns; 3. Adjust printing time according to the bottle size; 4. Put another same bottle during the whole process to balance the heating and prolong the lifetime of the tumbler heater.		
		
Enamel Mug	180°C / 356 °F	280
1. Print on sublimation paper, mirror image; 2. Tape the image on the mug, put two enamel mugs into the heater bottom to bottom, and adjust the printing pressure; 3. Take out the mugs, and let the machine preheat to 180°C. You can put one unused mug into the heater while it's preheating to extend its life.; 4. As the machine heats up to 180°C, take out the unused mug, and put the printed mug inside. The rim part of the mug is exposed on the outside of the heater and place a same size enamel mug against the bottom of the printed mug to ensure even pressure; 5. Take out the mug when the time is up; 6. Peel off the image. Tips: 1. Please install a short mug heater with your tumbler press for enamel cups.		

Printing Parameters for Sublimation Oven

Product					
Product Name	20oz Skinny Tumbler	Water Bottle	Pet Bowl	Glass Tumbler	Glass Mug Can
Quantity	4	2	1	1	6
Tool	Shrink Film				
Temperature	180 ℃ / 356 ℉				
Time	10 min	7 min	8 min	6 min	10 min
Product					
Product Name	40oz Travel Tumbler	12oz Enamel Mug	Large Ceramic Mug	11oz Ceramic Mug	11oz Ceramic Mug
Quantity	1	1	1	1	4
Tool	Shrink Film + Large Binder Clips (For Handled Cups)				
Temperature	180 ℃ / 356 ℉				
Time	6 min	6 min	12-19 min	10 min	14 min

Note

- » All the data above are our Oven only.
- » All the data above are based on the test results of our sublimation blanks and for reference only. Please test your own products and find the proper parameters.
- » The required printing parameters vary for different materials, different sizes and numbers of blanks. Please test and adjust the parameters accordingly.
- » If the product comes with a lid, remove it before printing.
- » If the product comes with parts that are not resistant to heat, remove them before printing. If the parts are irremovable, the product cannot be printed in oven.
- » Please perform low temperature printing tests on plastic blanks.
- » For glass blanks, wrap them with protective papers then shrink films, because the shrink films may stick on the surface after heating. Do not immerse the heated glass blanks in water to avoid cracks.

Printing Parameters for Flat Heat Press

Product					
Product Name	Ceramic Ornaments	Glass Ornaments	Aluminum Ornaments	Wood Picture Frames	Acrylic Picture Frames
Quantity	3	4	6	1	1
Tips	Print 2 Sides At 1 Time	No Need Mirror Print	Tear The Protect Film	Press The Other Side Again To Avoid Arched	No Need Mirror Print
Temperature	180 ℃ / 356 ℉	180 ℃ / 356 ℉	180 ℃ / 356 ℉	180 ℃ / 356 ℉	180 ℃ / 356 ℉
Time	250 s	240 s	70 s	150 s	60-120 s
Product					
Product Name	Polyester T-shirt	Photo Slate	Aluminum Wind Spinner	Fabric Cover Notebook	Tote Bags
Quantity	1	1	1	1	1
Tips	Roll The Dust First	Printing Side Face Down	Print 2 Sides At 1 Time	Roll The Dust First	Insert The Heating Mat To Flat The Printing Side
Temperature	185 ℃ / 365 ℉	190 ℃ / 374 ℉	180 ℃ / 356 ℉	180 ℃ / 356 ℉	185 ℃ / 365 ℉
Time	90 s	540 s	70 s	90-120 s	60 s