

Printing Parameter

No.	Item Name	Temp.(°C / °F)	Time(S)	Remark
1	Ceramic/Glass Mug	180°C 360 °F	120	1. Print on sublimation paper, mirror image; 2. Use JTrans mug press; 3. Place the mug into the mug press in proper position to avoid handle breaking; 4. Use medium pressure.
2	Ceramic Plate	180°C 360 °F	120	1. Print on sublimation paper, mirror image; 2. Use JTrans mug press; 3. Use plate press; 4. Use medium pressure.
3	Ceramic Tile	180-190°C 360-375 °F	150-200 300-420	1. Print on sublimation paper, mirror image; 2. Use flat heat press; 3. Print with the printable side facing the silicone mat for better result; 4. Use medium pressure.
4	Metal Board (Aluminum/ Metal Material)	200°C 360-390 °F	40	1. Print on sublimation paper, mirror image; 2. Tear off the protective film on the insert before printing; 3. Use flat heat press; 4. Use high pressure.
5	Imported Grade LA J·iCase® Aluminum Sheet	180°C 360 °F	45	1. Print on sublimation paper, mirror image; 2. Tear off the protective film on the insert before printing; 3. Print with the image facing down; 4. Use medium pressure.
6	Imported Grade A and AA J·iCase® Aluminum Sheet	180°C 360 °F	55	1. Print on sublimation paper, mirror image; 2. Tear off the protective film on the insert before printing; 3. Print with the image facing down; 4. Use medium pressure.
7	Plastic Christmas Ornament (Both -side Printable)	180°C 360 °F	50	1. Print on the sublimation paper, mirror image; 2. Preheat the silicone mat; 3. Print both sides simultaneously.
8	Imported CL Aluminum Board	190°C 375 °F	100	1. Print on the sublimation paper, mirror image; 2. Print with the image facing down; 3. Use low or medium pressure.
9	Lighter	180°C 360 °F	180-240	1. Print on sublimation paper, mirror image; 2. Both sides are sublimatable; 3. Use medium pressure, or the lighter will deform.
10	Stainless Steel Bottle Opener	180°C 360 °F	100	1. Print on sublimation paper, mirror image; 2. Fix images on both the two sides, print one size for 60 seconds, then flip it over to print the other side for 40 seconds; 3. Use medium pressure, or the bottle opener will deform.
11	Water Bottle (Aluminum/ Stainless Steel Material)	180°C 360 °F	35-45	1. Print on sublimation paper, mirror image; 2. Take off the lid before printing; 3. Use low pressure.
12	Metal Name Card	180°C 360 °F	40	1. Print on sublimation paper, mirror image; 2. Printing image face down; 3. Both sides are printable, print one side then the other; 4. Cover with protective paper.

No.	Item Name	Temp.(°C / °F)	Time(S)	Remark
13	Sublimation Glass Frame	180°C 360 °F	120	1. Print on sublimation paper, do not mirror image; 2. Don't stick the thermal tape on the printable side; 3. Print the glass frame with printable side facing the heat platen; 4. Use medium pressure.
14	Glass Cutting Board (Tempered Glass)	180°C 360 °F	120-180	1. Print on sublimation paper, no mirror image; 2. Use flat heat press; 3. Use medium pressure.
15	Sublimation Crystal	180°C 360 °F	120-180	1. Print on sublimation paper, no mirror image; 2. Don't stick the thermal tape on the printable side; 3. Put the crystal on the worktable with back side facing the heat platen, and preheat for 2-3 minutes; 4. Flip it over with printable side facing the heat platen, and print for 2-3 minutes.
16	Photo Slate	180°C 360 °F	420-600	1. Print on sublimation paper, mirror image; 2. Match image and printable side tightly without margin; 3. Printing image side down; 4. Use medium pressure.
17	Marble Coaster	180°C 360 °F	150	1. Print on the sublimation paper, mirror image; 2. Print the coaster with image facing down; 3. Use medium pressure.
18	Shell Necklace/Earring	180°C 360 °F	60-90	1. Separate the pendant from necklace or ear hook; 2. Print on sublimation paper, mirror image; 2. Fix images on both the two sides, print one side for 60 seconds, then flip it over to print the other side for 30 seconds; 3. Connect the pendant to necklace or ear hook.
19	Plastic Mug	170°C 340 °F	120	1. Print on sublimation paper, mirror image; 2. Put the printing tool into the mug before printing to avoid deformation; 3. Use low pressure.
20	FRP Flat Item	190°C 375 °F	60	1. Print on sublimation paper, mirror image; 2. Peel off the protection film before printing; 3. Use low pressure.
21	Acrylic Keychain	180 360 °F	80	1. Print on sublimation paper, mirror image; 2. Before printing, peel off the protection film on the printed side; 3. Use low pressure; 4. After printing, peel off the protection film on the back side.
22	Sublimation Film	190°C 375 °F	60	1. Print on sublimation paper, mirror image; 2. Print on the frosted side.
23	Hardboard Items	190°C 375 °F	70-110	1. Print on sublimation paper, mirror image; 2. Tear off protection film before printing; 3. Use medium pressure.
24	Plywood	190°C 375 °F	50	1. Print on sublimation paper, mirror image; 2. Use low pressure;
25	Puzzle (Paper/Felt/Fabric/ Hardboard Material)	180°C 360 °F	120	1. Print on sublimation paper, mirror image; 2. Match image and printable side tightly without margin; 3. Use medium pressure.
26	Fridge Magnet	180°C 360 °F	120	1. Print on sublimation paper, mirror image; 2. Use flat heat press; 3. Use medium pressure.

No.	Item Name	Temp.(°C / °F)	Time(S)	Remark
27	T-Shirt (Light Color Cotton Material) Use ZQA4/ZQA3 light color transfer paper printing	180°C 360 °F	25	1. Printing on light color transfer paper through printer with pigment ink, mirror image; 2. Print with flat heat press in high pressure; 3. Peel off the transfer paper immediately after printing; 4. For light-color cotton T-shirts only.
28	T-Shirt (Dark Color Cotton Material) Use ZSA4/ZSA3 dark color transfer paper printing	180°C 360 °F	25	1. Printing on dark color transfer paper through printer with pigment ink, do not mirror image; 2. Peel off base paper before printing, stick the image on T-shirt upwards and put silicon paper above; 3. Print with flat heat press in high pressure; 4. Cold peel only; 6. For dark-color T-shirts only.
29	T-Shirt (Light Color Cotton Material) Use JETPRO Light color transfer paper printing	190°C 375 °F	18	1. Printing on light color transfer paper through printer with pigment ink, mirror image; 2. Print with flat heat press in high pressure; 3. Peel off the transfer paper immediately after printing; 4. For light-color cotton T-shirts only.
30	T-Shirt (Dark Color Cotton Material) Use G JET dark color transfer paper printing	170°C 340 °F	15	1. Printing on dark color transfer paper through printer with pigment ink, do not mirror image; 2. Peel off base paper before printing, stick the image on T-shirt upwards and put silicon paper above; 3. Print with flat heat press in high pressure; 4. Cold peel only; 6. For dark-color T-shirts only.
31	Vinyl	150°C 300 °F	6	1. Cut mirror image with vinyl cutter; 2. Tear or cut off leftover vinyl; 3. Lay the cut-out vinyl on T-shirt and sublimate; 4. Cold peel.
32	Poli-Tape Vinyl	160°C 320 °F	15	1. Cut mirror image with vinyl cutter; 2. Tear or cut off leftover vinyl; 3. Lay the cut-out vinyl on T-shirt and sublimate; 4. Cold or hot peel.
33	Poli-Tape Subli-Print Vinyl	190°C 375 °F	30	1. Print image on vinyl; 2. Cut out image with vinyl cutter; 3. Lay the cut-out vinyl on T-shirt and sublimate; 4. Cold or hot peel.
34	Subli-Cotton Fabric	190°C 375 °F	60	1. Print on the sublimation paper, mirror image; 2. The image should be larger than an A4 paper. Put the fabric on a T-shirt with the rough side facing down, put the image on the fabric, put a silicon paper above, and start printing; 3. Peel off the transfer paper carefully after printing.
35	Metallic Film	180°C 360 °F	10	1. Print on the sublimation paper, mirror image; 2. The image should be larger than the metallic film. Press the film onto the T-shirt for 10s in 180°C , and peel off after cooling down; 3. Press the image on the T-shirt for 25s in 190°C , and peel off immediately or after cooling down.
36	Sequin Adhesive	180°C 360 °F	120	1. Print on the sublimation paper, mirror image; 2. Flip the sequins with white side facing up, and peel off the back film; 3. Place the adhesive on the t-shirt, cover it with image, fix the image with thermal tape, and print; 4. Flip the sequins immediately after printing.
37	T-Shirt/Textile (100% Polyester Material Light-colored fabric)	190°C 375 °F	60	1. Print on sublimation paper, mirror image; 2. Use flat heat press; 3. Use high pressure; 4. Only for non cotton material, polyester mostly.

No.	Item Name	Temp.(°C / °F)	Time(S)	Remark
38	Wallet Case	180°C 360 °F	120	1. Print on sublimation paper, mirror image; 2. Don't press on leather; 3. Use high pressure.
39	Cap	220°C 430 °F	60	1. Print on sublimation paper, mirror image; 2. Use cap press or 8-in-1 heat press, print in low pressure; 3. Press the green button, and press down immediately.
40	Leathaire Pillow cover	190°C 375 °F	60	1. Print on sublimation paper, mirror image; 2. Cover a silicon paper on the sublimation paper to avoid paper sticking to the heat platen; 3. Be careful not to press on the zipper; 4. Use medium or low pressure.
41	Glitter/Gradient Color Pillow Cover	180°C 360 °F	60	1. Print on sublimation paper, mirror image; 2. Put a piece of protective paper under the pillow cover; 3. Print one side first then the other.
42	PU Keychain	180-190°C 360-375 °F	40-50	1. Print on the sublimation paper, mirror image; 2. Take off the metal ring before printing.
43	Ping-Pong Racket	180-190°C 360-375 °F	40-50	1. Print on the sublimation paper, mirror image; 2. Print two racket simultaneously. Put one racket each on the left and right sides of worktable to ensure balance and even heating.

1. The above mentioned time & temperature parameters are just for equipment made by our factories. It may be different from other factories;
2. The temperature is "Fahrenheit";
3. Above listed parameters are only for suggestions from our own experience. You can also try and find out the best from your own operation.

Note:

1. Do not heat the machine without mug in the heaters or it could burn out; Do not touch the heating elements directly without any protection, or you could be hurt; After running more than 1.5 hours, it is better to turn off the machine for a 20-minute-break.
2. Trouble-shootings on a regular period basis.

FAQs:

1. The color is a bit light: the temperature is too low, or the pressure is unbalanced, or the time is too short;
2. The picture is vague: the pressing time is too long causing the ink to spread;
3. The cover of the print is not brilliant: the pressure is too heavy;
4. The print is partially vague: the heat of pressed area is unbalanced;
5. The print has scar: the pressing time is too long;
6. The print is in different level color: The pressure is unbalanced or the cover printing material is not balanced;
7. Sticking papers: the temperature is too high or the cover of printing material is not so good.