

Sublimation Color Shift Test Kit

Polyester vs Ceramic vs Metal

Use one master swatch file. Press it on three substrates. Record the real result.

POLYESTER

100% white polyester



Press the same source chart

CERAMIC

White sublimation ceramic



Press the same source chart

METAL

White coated aluminum



Press the same source chart

What this kit helps you do

- ☐ Compare the same colors on three common sublimation substrates.
- ☐ Separate substrate effects from printer, ink, paper and ICC changes.
- ☐ Build a permanent physical color reference for products you actually sell.

Do not edit the colors between polyester, ceramic and metal tests.

Reds / Oranges

220,30,40	245,80,50	245,130,40	250,170,60	190,40,60
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Yellows / Greens

245,210,40	210,230,70	120,190,70	40,150,90	0,120,80
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Cyans / Blues

0,180,190	0,145,200	0,100,200	40,70,170	60,40,140
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Purples / Magentas

100,55,160	150,55,175	200,40,150	220,70,130	180,35,95
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Pastels

250,190,190	250,220,175	210,235,190	190,225,240	220,200,235
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Neutrals

245,245,245	210,210,210	160,160,160	95,95,95	25,25,25
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Master chart notes

SUBSTRATE DETAILS

Fabric type / brand _____

Polyester % _____

Color / base white _____

Weave / texture _____

Moisture / pre-press _____

Press settings

Temperature _____

Time _____

Pressure _____

Pre-press / prep _____

Cooling / handling

Evaluation

- ☐ Neutral gray looks clean
- ☐ Reds/oranges acceptable
- ☐ Blue/teal acceptable
- ☐ Gradients smooth
- ☐ Detail acceptable

Color notes / observations

SUBSTRATE DETAILS

Mug / tile type _____

Brand / supplier _____

Coating / finish _____

Shape / curved or flat _____

Press method _____

Press settings

Temperature _____

Time _____

Pressure _____

Pre-press / prep _____

Cooling / handling

Evaluation

- ☐ Coating looks even
- ☐ No light bands / cold spots
- ☐ Reds/oranges acceptable
- ☐ Blue/teal acceptable
- ☐ Gradients smooth

Color notes / observations

SUBSTRATE DETAILS

Metal type _____

Brand / supplier _____

White or clear base _____

Finish (gloss / matte / other) _____

Protective film removed _____

Press settings

Temperature _____

Time _____

Pressure _____

Pre-press / prep _____

Cooling / handling

Evaluation

- ☐ Surface is clean
- ☐ No coating defects
- ☐ Reds/oranges acceptable
- ☐ Blue/teal acceptable
- ☐ Gradients smooth

Color notes / observations

Color family	Polyester	Ceramic	Metal
Neutral gray			
Red			
Orange			
Yellow			
Green			
Cyan / teal			
Blue			
Purple			
Magenta			
Pastels			
Black / shadow			

Main differences you observed

Printer & print workflow

Printer model _____

Ink brand _____

Transfer paper _____

ICC profile / color method _____

Print quality _____

Driver paper setting _____

Press workflow

Heat press / mug press _____

Temperature calibration checked _____

Pressure setting _____

Room / lighting notes _____

Reference set

Polyester sample ID _____

Ceramic sample ID _____

Metal sample ID _____

Date tested _____

Final workflow notes
