

Mis-Registration Of Colors On Multi-Color Printing

Probably Cause

Possible Solution

Pad

Pads are not mounted correctly

Adjust pads to pick up images in the exact same place

Unequal shapes

Use equally shaded pads

Different hardnesses

Use pads of the same durometer

Cliché

Images are not in registration

Re-register artwork and etch new clichés

Ink

Image spreads more in one color than in another

Correct ink viscosity to prevent incorrect dot gain

Material

Parts collapse

Use a more supportive fixture

Other

Work piece fixtures are not stable enough

Make new fixtures if necessary

Conveyor, shuttle or turntable move inaccurately

Establish more accurate control of indexing

Fixtures are insufficiently attached

Fasten fixture screws