FLEXOGRAPHIC PRINTING DEFECTS DIAGNOSIS & TROUBLESHOOTING CHECKLIST

Something Doesn't Look Right with Your Prints

That print that just came off your press looks a bit off, doesn't it?

Look at it closely. Does the text bleed together? Is the ink lighter in some areas than others? Is your image blurred or distorted?

You could have one of the following 12 common flexo print defects:

- Dot gain
- Gear marks
- Halo
- Feathering
- Doughnuts
- Skip out
- Misregister
- Mottled image
- Filling in
- Bridging
- Pinholing
- Dirty print

But which one? The following diagnostic tool will help narrow pinpoint your issue. Use the attached guide to learn more about your issue and how to troubleshoot.
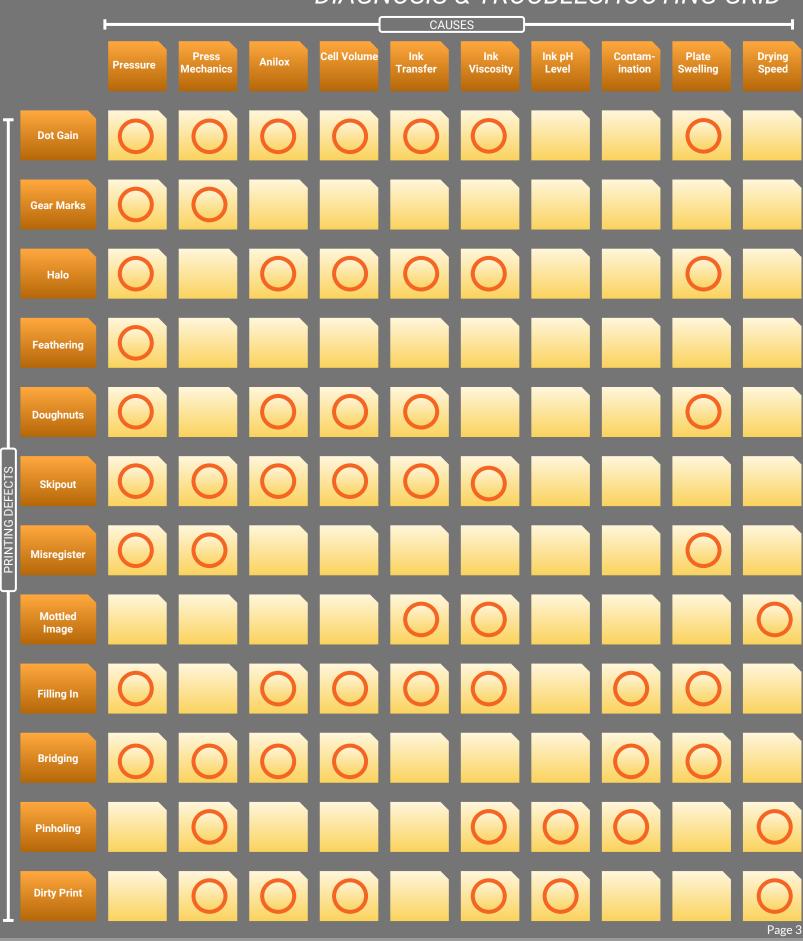
How to Use The Printing Defects Checklist

Use the following interactive grid to match defects with their causes.

1. The defects listed on the left of the grid each correspond to a cause or causes along the top.
2. Causes often correspond to multiple defects, and you may actually have multiple problems happening at once. Use your best judgment to make a diagnosis. If you're unsure or don't want to misdiagnose, we can help identify the issue.

Ultimately, this **interactive grid** should help you narrow down the potential causes and effects, make adjustments, and achieve quality prints every time. Click the printing defect on the grid to automatically be taken to a more in-depth explanation and a list of potential fixes.

FLEXOGRAPHIC PRINTING DEFECTS DIAGNOSIS & TROUBLESHOOTING GRID

CAUSES

PRINTING DEFECTS

Printing Defects	Pressure	Press Mechanics	Anilox	Cell Volume	Ink Transfer	Ink Viscosity	Ink pH Level	Contamination	Plate Swelling	Drying Speed
Dot Gain	◯	◯	◯	◯	◯	◯			◯	
Gear Marks	◯	◯								
Halo	◯		◯	◯	◯	◯			◯	
Feathering	◯									
Doughnuts	◯		◯	◯	◯				◯	
Skipout	◯	◯	◯	◯	◯	◯				
Misregister	◯	◯							◯	
Mottled Image					◯	◯				◯
Filling In	◯		◯	◯	◯	◯		◯	◯	
Bridging	◯	◯	◯	◯				◯	◯	
Pinholing		◯				◯	◯	◯		◯
Dirty Print		◯	◯	◯		◯	◯			◯

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Make Adjustments to Reach Flexo Printing Perfection

There's an equation for printing success. Press downtime while troubleshooting issues isn't a part of it.

You need quality and efficiency. This troubleshooting grid should help you get back on track toward achieving both.

Do you need a more in-depth explanation of how to fix your flexo printing errors? Perhaps this Printing Defects Troubleshooting Guide will help.

FLEXO TROUBLESHOOTING GUIDE:

12 COMMON PRINTING DEFECTS & HOW TO FIX THEM

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Prints Lacking Quality?
Download The Free Flexo Printing Defects Troubleshooting Guide

If you have any further questions, contact us here, email sales@luminite.com, or call 1 (888) 545-2270.

Ready for a more in-depth conversation? Request a quote here.