

ANILOX WEAR AFFECTS PRINTED COLOR

LESS VOLUME. LESS INK. LESS COLOR.

As an anilox roll wears, cell volume drops and less ink is delivered to the plate.
That loss of ink transfer can reduce color strength, create inconsistency,
and make it harder to hold targets throughout a production run.



HEALTHY ANILOX	MODERATE WEAR	SEVERE WEAR
		
		
 Rich, strong color. Target achieved.	 Slightly weaker color. Lower density.	 Noticeably lighter, dull color. Reduced density and contrast.

SAME INK. SAME JOB. DIFFERENT ANILOX CONDITION.

HEALTHY ANILOX = MORE CONSISTENT COLOR

1 WHY ANILOX WEAR MATTERS

- Controls ink transfer volume
- Affects color strength and density
- Can cause faded or weak print
- Makes color matching harder
- Increases waste, adjustments, and downtime



2 WHAT CAUSES ANILOX WEAR

- Abrasive cleaning methods
- Damaged or improperly set doctor blades
- Contaminated ink or debris
- Excessive press pressure or mechanical contact
- Poor handling and storage
- Lack of routine maintenance



3 HOW TO CONTROL IT

- Inspect anilox condition regularly
- Track cell volume and wear history
- Verify color targets often
- Clean anilox rolls properly
- Standardize ink, viscosity, and press settings
- Replace worn anilox when needed



ANILOX CONTROL WORKFLOW

1 CHECK ANILOX



Inspect roller condition.

2 VERIFY VOLUME



Compare to target specification.

3 MATCH COLOR



Confirm density and appearance.

4 MONITOR RUN



Check color through the run.

5 REPLACE IF NEEDED



Remove worn rollers before quality drifts.

! IMPORTANT:

When anilox wear increases, printed color can weaken quickly.
Small volume losses can create major color inconsistencies.



**BETTER ANILOX CONTROL.
BETTER COLOR.
BETTER RESULTS.**

CHECK. VERIFY. MONITOR. EVERY TIME.