

AUDIT CHECKLIST

PREPARING FOR AN ANILOX INVENTORY AUDIT

1. DEFINE

1. DEFINE GOALS + RESPONSIBILITIES

FORM AN ANILOX QUALITY CONTROL TEAM

- Assign roles: Include an anilox technician, maintenance technician, and production manager (if available).
- Define how the team members will communicate and coordinate efforts.



DEFINE THE PURPOSE OF YOUR ANILOX AUDIT

- Determine the primary objective: Optimize inventory, implement expanded color gamut (ECG), reduce downtime, etc.
- Outline Key Performance Indicators (KPIs) for tracking progress and success.

2. EVALUATE

2. EVALUATE YOUR ORDER MIX

REVIEW YOUR ORDER MIX

- Identify profitable and consistent order types: Process work, block letters, flood coats, specialty printing, etc.
- Assess your mix of color builds, spot color, ECG, short runs, and long runs.

CONSIDER FUTURE GOALS

- Factor in market expansion plans like adopting ECG or specialty printing.
- Align your audit focus with both current operations and future needs.

3. SURVEY

3. SURVEY YOUR OPERATORS+ PROCESSES

INTERVIEW KEY OPERATORS + MAINTENANCE STAFF

- Ask about their "favorite" anilox rolls/sleeves and why they prefer them. Discuss anilox performance, cleaning challenges, and any recurring maintenance issues.

EVALUATE PROCESSES

- Investigate how aniloxes are handled and stored.
- Collect feedback on cleaning procedures and potential areas for improvement.



4. INSPECT

4. INSPECT YOUR ANILOX INVENTORY

SCHEDULE REGULAR ANILOX INSPECTIONS

- Inspect rolls/sleeves when you receive them from suppliers, immediately before/after production, and before/after cleaning processes.

USE ACCURATE INSPECTION TOOLS

- Utilize inspection tools like Veritas and MicroScan3 for data-driven inspections.
- Record data on wear, damage, cleanliness, and performance over time.

5. ASSESS

5. ASSESS YOUR DATA



ANALYZE THE DATA

- Evaluate KPI history and quality metrics.
- Identify trends and key performance indicators such as, the most/least used anilox rolls, consistent ink/anilox/doctor blade/plate combinations, and the effectiveness of cleaning processes.

DRAW CONCLUSIONS

- Determine what is contributing to successful operations and where failures or inefficiencies lie.
- Assess ROI of different anilox rolls.

6. ACT

6. ACT ON YOUR FINDINGS

DEVELOP AN ACTION PLAN

- Recondition or retire under performing anilox rolls.
- Consolidate inventory around top-performing specifications.
- Provide feedback to suppliers for improved products or services.

IMPLEMENT CHANGES

- Adjust standard operating procedures (SOPs) for inspection and cleaning practices.
- Reschedule maintenance based on data-driven performance thresholds.