

Technical Data Sheet



Culver International Ltd

Dynaloy European Manufacturers Agent

Establishing Distributors and Maintaining
The European Network for Dynaloy, Inc.



Engineered Chemistries

ISO 9001:2000

DYNAFLEX™ COATING

For Water/UV-based Inks used in Flexographic Printing

The DynaFlex™ Coating is an advanced chemistry engineered specifically to coat Anilox rolls. The system's unique, monomolecular coating result in rolls that improve printing and require less cleaning. No special equipment is required. The DynaFlex™ Coating is effective in narrow, medium and wide web applications for printers using water, or UV based inks. **All you require is cleaning processes that finishes with a clean Anilox roller and then apply DynaFlex™ Coating. You do not need to change any of your existing cleaning procedures.**

BENEFITS:

- **Longer Running Time on the Press**
- **Increased Ink Release to the Web**
- **Consistent Printing for Longer**
- **Increases the Time Between Cleaning Cycles**
- **Reduced Damage from Aggressive Cleaners**
- **Less Handling Damage**
- **Does the Above Add up to Longer Anilox Life / More Production and Operational Cost Savings?**

APPLICATIONS:

Application	Protects Against Contaminants
General coating of clean ceramic and chrome Anilox rolls to reduce cell clogging.	Coating used on Anilox Rollers operating with Water-based inks, UV-based inks.

OPERATING RECOMMENDATIONS:

Anilox roll	Must be clean and dry !!**
Spray parameters	While rotating, spray / saturate the Anilox roll with DynaFlex™ Coating making sure all the surfaces anilox cells are coated.
Removal	After using your in-house anilox system cleaners the DynaFlex™ Coating will need to be re-applied.
Dry	Wipe dry with a clean towel or rag

****For use only on new or thoroughly cleaned Anilox rolls****

HEALTH & SAFETY:

Safety goggles and impervious gloves should be worn when handling any industrial chemical, including DynaFlex™ Coating. Please consult the MSDS before use or disposal.

AVAILABILITY:

DynaFlex™ Coating is available in 1 quart containers. This product is available from our Indianapolis manufacturing facility and may also be available from the following locations: United Kingdom, Taiwan, and Singapore.

TYPICAL SPECIFICATIONS:

Appearance	amber liquid
Flash point	none to boiling
pH, 1% in DI water	N/A
Specific gravity	1.028
Surface tension	N/A
Viscosity	water thin
Foam	none

ENVIRONMENTAL & REGULATORY INFORMATION:

• HAP	no
• VOC - % by weight	5-10%
• SARA 313	yes
• DOT Regulation	none

Dynaloy, Inc. takes every precaution in the manufacture of its products. The information in this sheet is based upon our own research and is considered accurate. However, no warranty is expressed or implied regarding accuracy and results to be obtained, since operating conditions in your plant are beyond our control.