

INXShield™

FUNCTIONAL COATINGS

Protected by
BioCote® Technology*

INX...[®]



*BioCote® technology does not protect users or others against bacteria, viruses, germs or other disease causing organisms**

INX International

As a global manufacturer of high-performance printing inks and coatings, INX has more than 50 locations around the world and sales and operations in more than 18 countries. Our global presence allows for the delivery of local service and support that is customized to the markets it serves. It is our mission to lead the industry in delivering innovative safe and sustainable solutions that enhance the customer experience.

One of the only Major Ink Companies to Manufacture Its Own Coatings

Our coatings are designed hand-in-glove with our high-performance inks right from the start by product development specialists who know printer and package converter operations firsthand. The result is better performance on-press with inks and inline or offline with coatings. Our product line includes aqueous, energy curable, and specialty coatings, as well as over-print varnishes.

Functional Coatings that Make a Difference

INX has partnered with BioCote® to expand our functional coatings platform, by creating INXShield, a range of coatings with integrated BioCote® technology** for coating preservation.



**BioCote® technology is built into products to inhibit the growth of microorganisms that may affect INX International Ink Co. products. The antimicrobial properties do not protect users or others against bacteria, viruses, germs, or other disease organisms. This technology is not a substitute for good cleaning practices.



INXShield®
gives brand owners
the opportunity to add
another layer of coating
protection to their package,
allowing consumers to benefit
from distinctive product
quality, durability and
usability.

High-Performance Coatings

- Aqueous
- Energy Curable
- Specialty
- Overprint Varnishes

Through choosing to purchase an INX coating integrated with BioCote® technology, brand owners and package converters can feel confident communicating the certified properties of the coating. The integration of antimicrobial technology will make for a competitive product, and can lead to an increase in sales and the penetration of new market sectors. Research has also shown that the BioCote® brand is recognized as a sign of quality, credibility and experience around the world, making purchasing decisions quicker and securing our customers a tangible return on investment.

BioCote® Technology Inhibits the Growth of Odor, Staining and Material Degradation Causing Microbes on the Coating's Surface

Once integrated, BioCote® technology has been proven to ensure preservation efficacy and remain active within a treated surface for 25 years. This means that the addition of antimicrobial technology not only allows a treated product to remain fresh and clean, but also offers a significant cost benefit to the consumer by improving durability.

INXShield suits a wide range of coating applications

INXShield high-performance, functional coatings with antimicrobial protection are designed to meet the decorative and functional coating demands of packaging applications. INXShield suits a wide range of coating applications.



COATING TYPE	DESCRIPTION	APPLICATION
INXShield GS Slip Coating	Premium solvent-based gravure overprint varnish formulated for use when lower COF or additional resistance is needed. It offers exceptional film adhesion and heat resistance properties with high scratch and scuff resistance.	Shrinkable film labels including OPS, PETG and PVC
INXShield UVF Coating	UV Flexo coating formulated to provide a uniform layer with excellent gloss, slip and general resistance properties. It is suitable for application over dry water-based and UV cured inks.	Papers and paperboard substrates including folding cartons

Quality controlled Functional Coatings

When you use INXShield Coatings, you can rest assured that they will:

Provide High Performance

Deliver the required decorative effect together with the chemical, physical and performance characteristics expected from high performance coatings.

Stay Fresh and Clean

By containing a technology that inhibits the growth of microbes, meaning reduced potential for staining and unpleasant odors, so our coating stays fresh and clean.

Improved Durability

Lasting protection against material degradation causing microbes on any BioCote® treated coating, meaning improved durability from previous formulations not containing BioCote® technology.**

Be Easier to Keep Clean

Thanks to BioCote®, INXShield will have permanent, around-the-clock protection against unseen odor and stain causing microbes.

Be Applicable for Use on a Variety of Applications

Coatings that have been manufactured using BioCote® technology are adaptable for all packaging formats including paper, flexible and rigid containers.

Offer Lasting Product Protection

BioCote® antimicrobial technology that is integrated within the coatings has been proven to remain effective for 25 years. It will not wear off or wash out of the coating.

Ensure Quality Control

INX Shield has been validated and is regularly quality control tested by an independent facility using the test method ISO 22196:2011.



BioCote® uses an accredited quality control system and ongoing testing of every treated product and material to ensure product preservation time and time again. This is why the BioCote® brand is recognized as a guarantee of antimicrobial quality.

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Visit our websites: www.inxinternational.com, www.inxshield.com, or speak to your local representative.

For more information on BioCote® antimicrobial technology visit www.biocote.us.