



ECS continue to grow our Antibacterial range of products, designed to keep bacteria away from everyday life.

## **Anti-Microbial LMFC UV Varnishes**

We have all seen and heard the science by now - germs - bacteria -microbes are everywhere and never before have we questioned what may or may not be on any surface we touch with so much thought and consideration.

"Try not to touch a packaged food item unless you intend to buy it", is the type of message conveyed in our supermarkets these days. The same principles apply to any packaged goods sold in shops and with retail markets set to re-open the necessity to add that extra layer of protection to packaging has never been more in demand.

Following on from the launch of our Anti-Microbial waterbased coatings, we have been listening to our customers and following successful testing we are proud to introduce our "Anti-Microbial LMFC UV Varnish range", which are designed to provide a "safe-to-touch" surface, offering a broad spectrum of activity covering gram-positive and gram-negative bacteria, fungi and viruses, whilst being formulated using Low Migration and Food packaging compliant raw materials.

The Varnish and additive combination are designed to provide invisible protection to the printed surface for the lifetime of the printed work, meaning it can be handled multiple times and microbes of various types will be effectively killed by the protective additive so to avoid passing on to other subsequent handlers of the packaging and reducing transmission of germs between people.

The active substance, has a micron size of less than  $\leq 5\mu\text{m}$ , and contains a glass carrier which

releases silver ions in a controlled manner via an ion exchange mechanism to achieve an antimicrobial effect that instantly protects against up to 99.9% of bacteria/microbes. This range of Anti-Microbial LMFC UV varnishes, will be available under the following product codes, and are formulated for flexo and sheetfed applications and designed for various packaging types including food packaging, labels, pharmaceuticals, menus, toy packaging, commercials and more.

UVAM100 Anti-Microbial LMFC Matt Varnish  
UVAM200 Anti-Microbial LMFC Silk Varnish  
UVAM300 Anti-Microbial LMFC FB Gloss Varnish  
UVAM310 Anti-Microbial LMFC High Gloss Varnish

For more information on our Antimicrobial LMFC UV Varnishes click [here](#)

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