



Peace of Mind:
Create a safer environment with Athens new InviroShield™ surface protection film featuring antimicrobial technology.

What Is InviroShield?

InviroShield™ is one of the most innovative and scientifically advanced surface protection films ever to be introduced to the Graphic Arts Industry. As a result, many graphic professionals are unsure of the key features and requirements of this product. We hope that the following information will be helpful in better understanding the characteristics of InviroShield™.

InviroShield™ is an adhesive-backed film with an antimicrobial topcoat engineered to inhibit the growth of microbes. The “active ingredient” in the coating is ionized silver in a zeolite carrier that starts to neutralize bacteria, mold, mildew, and viruses on contact. The technology built into the coating allows it to retain its “bio-availability” for a relatively long period of time. In addition, the special nature of the coating technology used to encapsulate the silver zeolite formula allows it to be accessible to, and activated by the moisture from your hands so it can effectively inhibit the spread of microbes when touched.

The sophisticated nature of the coating on InviroShield™ is a bit of a paradox.... It is waterproof, yet able to bio-react with moisture. While it does have a soft feel, the coating does not wash off while being cleaned with a soft cloth and a mild detergent. It clouds up slightly when washing it or rubbing your hand over the surface, indicating that the silver zeolite coating is in fact reacting to the moisture, however, its bioavailability is undiminished.

InviroShield™ is much more than a mere laminating film. It is in a new category all by itself. A standard laminating film is designed to simply protect the printed image from abrasion or fading. Although InviroShield CAN protect a printed image from abrasion or fading, its real function is protecting humans that come into contact with the surface. InviroShield™ covers from the spread of microbes. Human protection vs. ink protection.

How long germs live on various surfaces depends on the specific pathogen; however, most bacteria, viruses, and fungi can survive from days to months on dry surfaces. Scientists also recently confirmed that an infected person can expel micro-droplets carrying viruses up to 15 feet or more as they speak, cough, or sneeze. There is a very real possibility that anyone can catch an illness by transferring microorganisms from their hands to their face after touching an infected surface. InviroShield™ Surface Protection Films incorporate a proven antimicrobial additive permanently into the top-coating to minimize the spread and inhibit the growth of microorganisms that find their way on to its surface.

Ask for a copy of our **InviroShield™ Installation Guide** which details various methods and techniques for successful application of InviroShield™ 3.2 mil vinyl with permanent or removable adhesive and/or the 2 mil polyester version with removable adhesive. The 3.2 mil vinyl with a permanent adhesive is intended to be permanently laminated to printed media, sneeze shields, and door handles to help reduce the spread of bacteria, fungi, and viruses resulting from constant touching by numerous people. The 3.2 mil vinyl with a removable adhesive is designed to be placed on various flat, smooth surfaces such as countertops, tabletops, and walls. The 2 mil polyester version is for bank ATM touch screens, glass, and computer touch screens. InviroShield is also available in Gloss or Matte with a heat activated adhesive as a cost-effective method for encapsulating menus and other paper-based applications.