

MediGrade® HDPE Sheet is a Safe Antimicrobial Solution for Medical Applications

MediGrade® HDPE sheet is composed of a zinc-based antimicrobial technology that protects the surface from bacteria, algae, and fungi.

SACRAMENTO, CA, UNITED STATES, January 28, 2022 /EINPresswire.com/ -- Medical and pharmaceutical fields require sterile, microbe-free environments, and the need for microbe-resistant devices and surfaces in medical applications is more critical than ever. To meet the rising demand for microbe-resistant plastic, Interstate Plastics now offers [MediGrade® HDPE sheet with advanced antimicrobial technology](#).



MediGrade® HDPE sheet comes with built-in proprietary zinc-based antimicrobial technology that wards the sheet's surface against bacteria, algae, and fungi that can cause stains and odors. Unlike [other antimicrobial solutions](#), MediGrade®'s antimicrobial features are inherent to the sheet itself, not a coating.

While other antimicrobial solutions will eventually have their microbe-resistant coating wear away, MediGrade® sheet will continue to protect against bacterial degradation for its lifespan. This makes MediGrade® perfect for constructing medical or pharmaceutical furniture where maximum protection is crucial, such as lab cabinets, nurses' stations, or medical computer carts.

Silver or triclosan, two similar antimicrobial agents, kill microbes over time by leaching toxins or free radicals into their environment. Eliminating microbes in this manner can lead to environmental contamination or the creation of organisms resistant to toxins or free radicals. MediGrade®'s antimicrobial protection instead ruptures the microbe's cell wall to produce a similar effect without the toxicity or leaching, ensuring the environment remains uncontaminated and avoiding potential resistant microbes. Its active ingredient is EPA registered



MediGrade® HDPE's zinc-based antimicrobial technology reduces risk of environmental contamination seen in silver or triclosan antimicrobial agents, making it a great choice for medical applications."

Christopher Isar

and accepted for use in polymers and plastics.

MediGrade® [HDPE sheets](#) are environmentally stable and will not rot, delaminate, or rust when exposed to UV rays, humid climates, or water. They are suitable for use even in the harshest outdoor conditions and can be fabricated with standard woodworking tools.

Interstate Plastics offers MediGrade® HDPE sheets in 4 colors with a matte gloss finish: White, Seafoam, Sanshade, and Dolphin Gray. For more information on MediGrade®'s uses in the medical and pharmaceutical fields or other antimicrobial plastics, call a plastics expert at (888)-768-

5759.

Interstate Plastics is a full-line distributor of plastic sheet, rod, tube, bar, film, profile, and plastic accessories, tools, and care products. With 10 locations nationwide and an online sales and support team, Interstate Plastics provides full sheets and pallets, simple cut-to-size service, and complex CNC manufacturing. Interstate Plastics is known for its reputation of selling high-quality products, providing excellent customer service, and superior technical support. Our products and services are available using the safe, secure, and convenient purchasing system on the Interstate Plastics website. For instant help, we're always a phone call away at (888) 768-5759.

Stephen Sowinski
Interstate Plastics
+1 888-768-5759

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