

REDUCE • REUSE • RECYCLE • RECLAIM



SCS CERTIFIED

Minimum 80%
Recycled Content

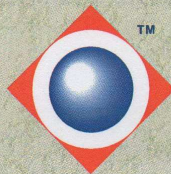
10% Post-consumer

70% Pre-consumer

SCIENTIFIC CERTIFICATION SYSTEMS

SCS-MC-01697

COEX Supertuff® CXP



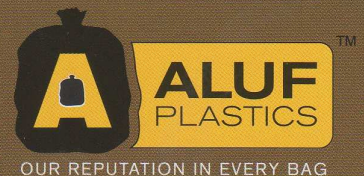
Microban®

antimicrobial product protection

PUT A LID ON MICROBES™ WITH MICROBAN® ANTIMICROBIAL PROTECTION



Inhibits the growth of odor-causing
bacteria on the bag



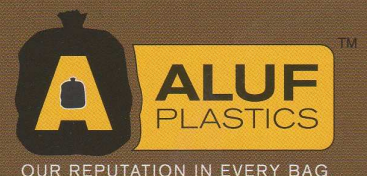
FOOD SERVICE



Did You Know...

Microban® antimicrobial protection has been keeping food preparation equipment and supplies cleaner and fresher between cleanings for over a decade? From ice-makers and meat slicers, gloves and knife handles, to cutting boards and wipes, Microban antimicrobial protection can be found in many of today's commercial kitchens.

Dedicated to providing quality, consistency and outstanding service, Aluf Plastics is proud to offer Microban antimicrobial protection in their COEX Supertuff™, Pro-Lene™ and Super-Lene™ liners – a first and exclusive offer in our industry! Microban protection inhibits the growth of odor-causing bacteria on the product. Microban protection does not protect the user from food-borne illnesses.



What is Microban® Antimicrobial Protection?

Microban antimicrobial protection is built into products during manufacturing to provide continuous antimicrobial product protection. Microban protection can be found in consumer and industrial products around the world. It is registered with the EPA for all applications in which it is utilized.

Why Buy a Trash Can Liner with Microban® Antimicrobial Protection?

Microban antimicrobial product protection inhibits the growth of bacteria that can cause odors commonly found on trash can liners.

How Does Microban® Protection Work?

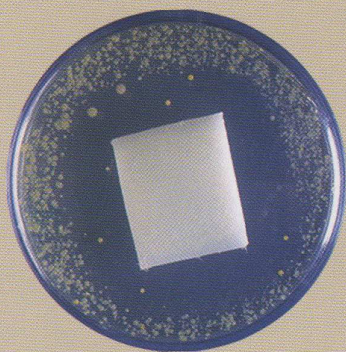
Microban International teams up with product manufacturers to develop custom engineered antimicrobial solutions that help their products resist the growth of microorganisms. Using a broad range of antimicrobial additives, Microban protection is custom engineered into the molecular structure of a product during the manufacturing process. When microbes come in contact with the product surface, Microban protection penetrates the cell wall of the microorganism, making it unable to function, grow and reproduce. And because it's built in during manufacturing it won't wash off or wear away – providing continuous protection for the useful lifetime of the product.

Independently Proven Results

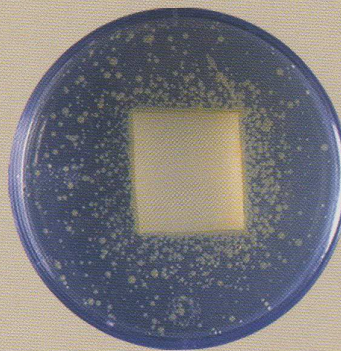
Over 27 different independent laboratories have conducted more than 20,000 tests using industry standard methods and have proven Microban antimicrobial protection to be highly effective at inhibiting the growth of odor-causing bacteria.

The samples below were tested for efficacy against bacteria that can cause odors. The left sample was manufactured with built-in Microban antimicrobial protection and the right sample was untreated. Both samples were inoculated with bacteria and then photographed after 24 hours. The sample with Microban protection showed no growth, while the untreated sample showed significant contamination.

With Microban® Antimicrobial Protection



Untreated



Engineered for Safety

Microban antimicrobial protection can be found in consumer and industrial products around the world. It is registered with the EPA for all applications in which it is utilized.

ALUF PLASTIC'S NEW "LEED" COMPLIANT CAN LINERS

ALUF HAS IMPROVED OUR EXISTING THREE-PLY COEX BAG WITH MICROBAN ANTIMICROBIAL ADDITIVE . BY ADDING A MINIMUM OF 10% POST CONSUMER RECYCLED PLASTIC, THIS BAG IS NOW DESIGNED TO BE COMPLIANT WITH LEED-MR 4.1 & 4.2 CREDITS, MAKING IT A TRULY GREEN PRODUCT.

THE U.S.GREEN BUILDING COUNCIL IS THE LAST WORD IN DECIDING WHAT PRODUCTS ARE THE MOST ENVIRONMENTALLY FRIENDLY FOR USE IN COMMERCIAL BUILDINGS. THE COUNCIL ENCOURAGES THE USE OF THESE "GREEN" PRODUCTS THROUGH THEIR LEEDS RATING SYSTEM. THEY HAVE INVESTIGATED VARIOUS PRODUCTS AVAILABLE IN THE MARKET AND HAVE CONCLUDED THAT IN ORDER FOR A BAG TO BE COMPLIANT WITH THEIR PROGRAM, IT MUST CONTAIN A MINIMUM OF 10% **POST CONSUMER** WASTE. ALUF'S OLD COEX BAG CONTAINED A MINIMUM OF 80% RECYCLED PLASTIC BUT IT WAS ALL POST INDUSTRIAL PLASTIC, **NOT POST CONSUMER** . POST INDUSTRIAL RECYCLED PLASTIC IS CLEAN TRIM THAT THE INDUSTRY BUYS FROM OTHER PLASTIC MANUFACTURERS. POST INDUSTRIAL RECYCLED PLASTIC IS VALUABLE AND WOULD NEVER END UP IN A LANDFILL. **POST CONSUMER** RECYCLED PLASTIC IS PLASTIC THAT HAS ALREADY SPENT ITS LIFECYCLE IN THE FORM OF SOME TYPE OF PRODUCT, PERHAPS A SHOPPING BAG, AND WAS ON THE WAY TO A LANDFILL WHEN IT WAS INTRECEPTED AT SOME RECYCLING POINT AND RESCUED FROM THE LAND FILL, THAT IS EXACTLY WHAT THE LEED PROGRAM ADVOCATES.

CONTENTS OF ALUF'S NEW CXP-COEX BAGS

MINIMUM OF 10% **POST CONSUMER** RECYCLED PLASTIC

MINIMUM OF 70% POST INDUSTRIAL RECYCLED PLASTIC

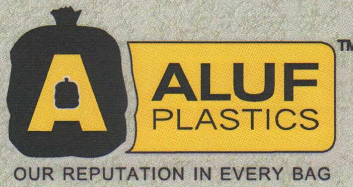
MICROBAN AND OTHER ADDITIVES TO ENHANCE THE STRENGTH PLUS COLORING AGENTS, 20%

WHY NOT "BIODEGRADABLE" BAGS?

BIODEGRADABLE BAGS ARE A "FEEL GOOD" PRODUCT THAT DO NOT PERFORM THE FUNCTION THEY IMPLY! NOTHING DEGRADES IN MODERN LANDFILLS. MODERN LANDFILLS BY DESIGN, PREVENT EVEN FOOD TO DECOMPOSE. THE FUNCTION OF THE MODERN LANDFILL IS TO SIMPLY CREATE A LARGE PILE OF REFUSE, THEN TO COMPACT IT AND EVENTUALLY COVER IT OVER WITH SOIL, SEEDING OR LANDSCAPING IT TO RETURN IT TO A NATURAL GREEN AREA WHEN FINALLY FINISHED. EVEN THOUGH PLASTIC CANNOT ACTUALLY DEGRADE [THAT MEANS BEING DIGESTED BY BACTERIA AND TURNING BACK INTO AN ORGANIC SUBSTANCE], THERE ARE SOME BAGS THAT CLAIM TO BE COMPOSTABLE. A COMPOSTABLE BAG IS MADE WITH ADDITIVES THAT BIND THE POLYETHYLENE MOLICULES TOGETHER. WHEN A COMPOSTABLE BAG IS PLACED IN A COMPOST SITE, THE BINDING AGENTS ARE DIGESTED BY BACTERIA, LEAVING ALL OF THE POLYETHYLENE MOLICULES INTACT BUT LESS VISIBLE BECAUSE OF THEIR SMALLER SIZE. THE TRUTH OF THE MATTER IS THAT COMMERCIAL GARBAGE IS NOT ALLOWED IN COMPOST SITES. MOST COMPOST SITES ARE CREATED BY MUNICIPALITIES FOR LEAF COLLECTION AND TO ALLOW RESIDENTS TO ADD ORGANIC GARBAGE, SUCH AS COFFEE GRINDS AND VEGATABLE PELLINGS. THE COMPOST HEAP IS THEN WATERED DOWN AND TURNED OVER PERIODICALLY TO EXPOSE IT TO THE ELEMENTS TO PROMOTE THE GROWTH OF BACTERIA. THE BIODEGRADABLE BAGS IN THE MARKETPLACE TODAY PERFORM NO FUNCTION IN MODERN DAY LANDFILLS.



10% Post-consumer
70% Pre-consumer
SCIENTIFIC CERTIFICATION SYSTEMS
SCS-MC-01897



10% Post-consumer
70% Pre-consumer
SCIENTIFIC CERTIFICATION SYSTEMS
SCS-MG-01697

COEX Supertuff® CXP with Microban®

CXP is manufactured utilizing recycled material of which a minimum of 10% is certified post consumer waste. This uniquely designed LEED applicable product provides an opportunity to utilize a liner that supports municipal, state and federal LEED initiatives.

Utilizing a proprietary tri-laminate manufacturing process, COEX Supertuff® CXP is designed to exceed industry requirements, while using less resin than other competitive heavy gauge bags. COEX Supertuff® CXP weighs less, outperforms and is 100% recyclable. Keeping with the 4 R initiative, we **REDUCE** the amount of material required to make the bag, we **REUSE** all internally generated waste, we make products that are 100% **RECYCLABLE** and we **RECLAIM** post consumer as well as post industrial waste for our everyday manufacturing requirements.

Microban® antimicrobial protection provides an added benefit by inhibiting the growth of odor causing bacteria on the outside and inside surfaces of the bag.

The COEX Supertuff® CXP with Microban® is available in the following sizes. Contact your Aluf Plastics™ representative for additional information or contact us directly at info@alufplastics.com or 1-800-394-2247 ex 113.

CODE	SIZE	PACK	GALLON
CXP-3036X	30x36	100	20-30
CXP-3036XX	30x36	100	20-30
CXP-3036XXX	30x36	100	20-30
CXP-3339X	33x39	100	33
CXP-3339XX	33x39	100	33
CXP-3339XXX	33x39	100	33
CXP-3347X	33x47	100	40-45
CXP-3347XX	33x47	100	40-45
CXP-3347XXX	33x47	100	40-45
CXP-4047X	40x47	100	40-45
CXP-4047XX	40x47	100	40-45
CXP-4047XXX	40x47	100	40-45
CXP-3658X	36x58	100	55
CXP-3658XX	36x58	100	55
CXP-3658XXX	36x58	100	55
CXP-3858X	38x58	100	55
CXP-3858XX	38x58	100	55
CXP-3858XXX	38x58	100	55
CXP-4347X	43x47	100	56
CXP-4347XX	43x47	100	56
CXP-4347XXX	43x47	100	56

MINIMUM 10% POST CONSUMER CERTIFIED TO QUALIFY FOR LEED-MR 4.1 & 4.2 CREDITS

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