

Press Cutting

Tuffy Press Release

Date: 2013

Featured Technology:

HHL TECHNOLOGY
VITAL
PROTECTION



With summer around the corner, you will be glad to know that you will be able to keep insects away from your garbage bins with Tuffy's new Insect Guard refuse bags.

The refuse bags contain Vital Protection by HHL technology, previously used for protection against mosquitoes in the military and currently used by some of the most well-known brands in the outdoor and commercial fabric markets.

The additive is bio degradable, non-hazardous to humans and animals and repels all insects, stopping the hatching of flies' eggs into larvae (maggots) from bins and does not affect the recyclability of the plastic in any way.

This new product is a win for households in South Africa where rubbish is only collected weekly by municipalities. Because of the rate flies reproduce, they will always be found in and around domestic garbage, so the key to ridding your home of flies is to remove any potential breeding area and eliminate flies from your home during the summer.

The housefly's life cycle commonly begins in a rubbish bin where they lay their eggs emerging as maggots and pupation of these maggots takes only a couple of days when a new fly emerges as an adult and is ready to feed and reproduce in a matter of hours. By using the insect repellent bags you are able to cut the life cycle and limit the amount of flies found in and around your home.

Vital Protection by HHL Technology is a solution incorporated into the product during the manufacturing process of each Tuffy Insect Guard refuse bag. The additive has also received certification by The Department of Agriculture, Forestry and Fisheries.



About Vital Protection

Vital Protection is a highly effective, market leading anti-insect protection technology that can safeguard the user and fabric from biting insects like mosquitoes, midges, sand flies, fleas and bed bugs. Vital Protection will also inhibit odours and fabric degradation - 3 enviable, much sought after benefits in one vital product!

Vital Protection is suitable for most articles including outdoor textiles, home textiles, clothing, shoes, floor coverings, wall coverings, foam items and various plastic end uses. It is perfect for application on active, outdoor and sportswear and outdoor equipment (e.g. tents and sleeping bags) that will be used on adventure travels. In countries where mosquitoes and biting insects are prevalent, there is no limit for scope.

About Us

HHL Group Limited is an innovative leader in multi-functional fabric technologies. For over a decade, our extensive range of fabric applications have addressed the needs of an ever growing and demanding market and are embraced by some of the world's most recognised brand names in the active wear, outdoor clothing, outdoor equipment, home and commercial textile markets.

Whether you want your textiles protected from odour-causing bacteria, mould, fungi, a torrential rainstorm or biting insects, HHL Group has the products you need to achieve added value and performance.

All our products use the most advanced technology available. They have been independently tested and are safe to both the environment and the user.

If you manufacture or buy a garment or piece of equipment with an HHL logo, you can be sure that it will be fresher, healthier and more hygienic.

Product Overview

Our comprehensive range of products includes the following:

- PureTex Natural silver anti-microbial
- ArmourTex Advanced rain and stain shield
- BaseTex Essential fabric softening system
- Hygiene Protection Anti-microbial application
- Health Protection Anti-dust mite and anti-microbial application
- Vital Protection Anti-mosquito insect protection

For further information, please visit www.hhlgrouplimited.com or call +44 (0)20 3151 2301.