

Amicor[®] in Medical and Healthcare Uniforms

Amicor Marketing

20th July 2010

Amicor[®], the worldwide leader in anti-microbial textiles, is launching Amicor[®] Medical and Healthcare Uniforms in India at the “International Conference on Healthcare and Hygiene Textiles & Clothing” (HEAT) 2010 during 30th-31st July 2010. Jointly organized by the Department of Textile and Fashion Technology of PSG College of Technology and the Institute for Materials, Research and Innovation (IMRI) (University of Bolton, UK), HEAT 2010 will showcase the key innovations arising out of academic and industrial research in the field of Medical Textiles.

Healthcare Uniforms and Textiles have been recognised as being one of the key areas of concern for infection control today. Research has highlighted that uniform is seen as an area where harmful organisms can grow exponentially if the textile material is not protected and could be adding to cross-contamination from one patient to another.

Amicor[®] fiber woven inside textile materials provides protection from the growth of harmful microbes. The organic anti-microbial additive prevents the growth of harmful bacteria at source and is recognised as being the most effective in controlling specific bacterial strains that cause hygiene and health problems in hospitals and other healthcare institutions. Amicor[®] has been designed to protect the entire fabric and is an incredibly versatile and effective fiber. Amicor[®] cuts down the potential risk of cross-infection via uniforms; thus reducing the potential bio-burden on the ward. Amicor[®] prevents the exponential growth of harmful bacteria on the surface and throughout the whole material of a uniform. Amicor's effect lasts for the duration of the shift and has been tested and proven to last upto 200 washing cycles.



Key organisms have been identified in detailed guidelines and agreed with practicing infection control nurses in the UK. Amicor[®] products have been tested and approved as consistently effective against the five major microbes considered to be threatening, as well as against a highly comprehensive list of other bacterial strains which includes, MRSA, Staphylococcus, E-Coli, Salmonella Enteritis, Legionella, Klebsiella pneumonia etc. Amicor[®] provides the most effective and durable 'intelligent' fiber for professional microbial control across all textile materials used in the healthcare

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environment. The fiber is supported by a full quality assurance program with independent testing of all commercial products.

The key benefits of Amicor® in medical and healthcare uniforms include:

- (i) Amicor® garments will remain protected while they are being worn and in between laundering.
- (ii) All Amicor® fabrics and uniforms remain protected even when washed at 40 degrees in a normal domestic wash.
- (iii) Garments have been fully tested to withstand 200 laundry cycles; temperature does not affect the durability of Amicor®.
- (iv) Amicor® uniforms actually last longer as they are not being worn out by high temperature washing or microbial degradation.
- (v) Amicor® fiber is almost always processed using the short staple spinning route and is automatically softer to wear. Users have noticed an increase in comfort and ease.

About Amicor® Technology

Amicor® Technology was developed by Acordis (UK) in the late 1990's. Amicor® is a dual-activity fiber having water insoluble anti-bacterial and anti-fungal additives. It uses the smart and intelligent "Late Injection Technology" wherein the functional additives are incorporated into the fiber structure thus making these durable and long-lasting.

Amicor's branding, testing and certification program provides a controlled way to develop, manufacture and distribute products with measured and tested benefits. Products that carry the Amicor Trade Marks are consistent and high quality designed to provide a healthier environment to live in, sleep in and clothe yourself in. Endorsements from the British Allergy Foundation, REACH, Red Cross Hospital Barcelona and a measurable benchmark from the World Health Organisation makes Amicor a clear, modern choice for consumers.

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