THE FILTRATION INDUSTRY'S INFORMATION HUB

e-Filter Newsletter

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Association of the Nonwoven Fabrics Industry

PO Box 1288
Cary, NC 27512-1288

Tel: 919.233.1210
Fax: 919.233.1282
info@inda.org
www.inda.org

INSIDE THIS ISSUE:

Welcome to e-FILTER, sponsored by INDA, Association of the Nonwoven Fabrics Industry. It is sent every other month to executives within the global filtration business and focuses on the latest news, new products, patents, legislative issues and commentary in the filtration industry. Check out the information at the end of this newsletter on how to subscribe or submit your company's information for inclusion.

INDA NEWS:

INDA Publishing IDEA10 Newsletter to Attract Attendees

INDA has introduced a marketing tool to help IDEA10 exhibitors attract more attendees to their booths at the upcoming IDEA10 International Conference and Exposition. The association is now publishing an electronic newsletter that will be sent via email to thousands of potential IDEA10 attendees worldwide each month up until the show, April 27-29, 2010 in Miami Beach, Fla.

This is an ideal opportunity for all companies — and smaller business in particular — to gain the attention of present and potential new customers by highlighting new or improved products that your company will be showcasing at the IDEA10 exposition.

There is no cost for inclusion in the IDEA10 newsletter. All that exhibitors need to do to be included is to get creative and send information on and photos of products they want customers to see at IDEA10. A one or two paragraph description along with a photo of the product or products is all that is needed. The information should be mailed to mjacobsen@inda.org.

The IDEA10 newsletter began publishing in December and runs through April 15.

Rockline Regenerated Wipe Wins 2010 Visionary Award

The environmentally friendly Regenerated Cotton Wipe from Rockline Industries was named the recipient of the prestigious 2010 Visionary Award presented recently at the VISION 2010 Consumer Products Conference in New Orleans.

The Regenerated Cotton Wipe was selected over four other finalists by the attendees at the ninth annual VISION Conference, which was held from

January 20-22 at the Sheraton New Orleans Canal Street. The annual VISION Conference is organized by INDA, Association of the Nonwoven Fabrics Industry, and each year it brings together hundreds of executives from nonwovens and consumer products companies around the world for three days of education and networking.

The substrate for the Regenerated Cotton Wipe is made from 100% biodegradable materials — the blend is 25% Lenzing Tencel and 75% cotton. The cotton is produced from the post-industrial waste from the manufacturing of T-shirts, and the recovery process to regenerate the cotton is energy and water friendly.

Now in its ninth year, the Visionary Award is presented to a new consumer product that utilizes nonwoven fabrics in its final form. The five finalists made presentations during VISION 2010 and conference attendees voted for the recipient of the 2010 Visionary Award.

"With such an emphasis being placed on sustainable products in all industries, including nonwovens, the VISION Conference attendees obviously were impressed by the 'green' story of the Rockline Regenerated Cotton Wipe," says Rory Holmes, President of INDA. "There were five outstanding products representing all aspects of consumer products – from filtration to personal and household care – and they were all winners by being selected as finalists in the 2010 competition."

Holmes presented the Visionary Award to Lorraine Crosbie, EU Regional Sales Director of Rockline, who traveled from England to make the Rockline presentation at VISION.

INDA president Rory Holmes with Lorraine Crosbie EU Regional Sales Director for Rockline Industries, the recipient of the 2010 Visionary Award.

The other four finalists were:

- Purex Complete 3-in-1 Laundry Sheets, Henkel Corp ... Consumers can use the same sheet from washer to the dryer to provide cleaning, softening and anti-static benefits. Each sheet contains the proper amount of detergent, softener and anti-static agent for a single load of wash.

- The Ultimate Cloth, Advanced Cleaning Technologies ... The Ultimate Cloth is a streak-free window cleaner that cleans and polishes windows, mirrors, windshields and glass as well as many soft surfaces such as leather and vinyl.

- Infinity feminine hygiene pad, Procter & Gamble ... This feminine hygiene pad features a soft cover sheet designed to work with the pad's Infinicel core, Microdots for fast absorption, a new wing design for secure protection, form-fitting channels for leakage protection and a wider design in the back to provide increased coverage.

- Fitseal disposable respirator mask, Superior Felt and Filtration ... This mask employs nonwoven tribo-electric technology coupled with a medical adhesion system that makes it an effective disposable mask in swine flu/H1N1 protection as well as for use in protection in dealing with SARS, Avian Bird Flu, disaster clean up, emergency response, terrorism and tourism abroad.

Previous recipients of the Visionary Award include Ahlstrom's Disruptor nonwoven water filter

media (2009); Kimberly-Clark's Spa Sensials personal care treatment (2008), Tyco Healthcare Retail Group's Swim Pants (2007); Chicopee's Disaster Relief Blanket (2006); Fiberweb's Resolution Print Media (2005); Church & Dwight's Brillo Scrub 'n' Toss (2004); FMJ ChemBio's Civilian Quick Escape Mask (2003); and Procter & Gamble's Swiffer (2002).

The 2011 VISION Consumer Products moves to the West Coast and will be held January 10-12 at the Four Seasons Aviara in Carlsbad, Calif. VISION 2012 will return to New Orleans. For more information: www.inda.org.

FILTRATION INDUSTRY NEWS:

H&V Purchases AQF Line from Fiberweb

Hollingsworth & Vose will purchase the AQF line of patented carbon-containing composite filtration media from fellow nonwovens producer Fiberweb. The transaction, which is expected to close in the near term, will allow H&V to better serve the growing global market need for gas phase filter media.

"By adding this complementary technology and North American production asset, including improved testing capabilities, H&V is increasing the breadth of our technological capabilities," commented Mike Clark, vice president & general manager of H&V's High Efficiency & Specialty Filtration Business Unit.

Carbon-containing nonwoven technology combines particulate and gas phase filtration in one media to meet demanding customer adsorption requirements. The media are used in panel, extended surface and vbank filters for odor control, corrosion control, toxic gas removal and elimination of airborne pollutants for Industrial, IAQ and Cabin Air applications.

"The AQF technology, coupled with H&V's AFM platform and other existing technologies within H&V, provides an opportunity to develop gas-phase filtration media for new applications in air and liquid filtration," said Per Lindblom, director of global product marketing, AFM.

The AQF production line will be relocated from Fiberweb's Simpsonville, SC plant to H&V's Floyd, VA facility by the fourth quarter of 2010.

Pall Acquires MicroReactor Technologies

Pall Corp has acquired MicroReactor Technologies Inc (MRT), a privately held U.S. biotechnology company based in Mountain View, CA. The acquisition of MRT, with its miniature bioreactor technology platform, expands Pall's Total Fluid Management capabilities in the biopharmaceuticals process monitoring and process development market.

"We are excited by this acquisition and the increased opportunities it presents for our biotechnology process development and laboratory programs," said Eric Krasnoff, Pall chairman and CEO. "Customers seek better tools for rapid process development and process monitoring. The addition of MRT further broadens Pall Life Sciences support of customers in this rapidly growing market."

Pall Introduces PROFi Batch Membrane System for Mid-Size Breweries

In other Pall news, the company has introduced a diatomaceous earth (DE)-free beer clarification system for mid-size breweries. The system was previously available only to larger manufacturers. Designed for breweries with an annual production capacity under 1.3 million hl, the PROFi Batch system adapts Pall's PROFi technology to match filtration requirements of mid-sized breweries. Benefits of the PROFi Batch system from Pall include minimal beer loss based on zero retentate crossflow process, high water and energy efficiency, reduced waste streams and high clarification resulting in better product quality.

Filter Patent Review

Abrasion resistant material for use in various media

Publication Number: US7642208

Applicant: Kimberly-Clark Worldwide, Inc.

Inventors: McManus, Jeffrey Lawrence, Midkiff, David Grant

Abstract: A composite polymeric material is provided that may be used to construct an abrasion resistant layer or sheet such as an abrasion resistant meltblown layer. Desirably, the composite polymeric material comprises blends of syndiotactic and isotactic polypropylene with ferroelectric materials. The composite polymeric material is particularly useful for constructing a filter media comprising an abrasion resistant fine fiber layer such as a nonwoven layer. The composite polymeric material of the present invention also allows for electret treatment to improve its filtration characteristics.

Wet-laid non-woven fabric and filter

Publication Number: EP2138634

Applicant: Teijin Fibers Ltd.

Inventor: Inagaki, Kenji

Abstract: The present invention is a wet type nonwoven fabric that includes two or more kinds of fibers, wherein the wet type nonwoven fabric includes a short fiber A that is constituted of a fiber-forming thermoplastic polymer and has a fiber diameter D of from 100 to 1000 nm and the ratio of a fiber length L to the fiber diameter D, L/D, in the range of from 100 to 2500 in from 4 to 50% by weight relative to the total weight of the nonwoven fabric, and a binder fiber B that has a single fiber fineness of 0.1 dtex or less in from 10 to 50% by weight relative to the total weight of the nonwoven fabric.

Abrasive article and method of making the same

Publication Number: EP2134508

Applicant: 3M Innovative Properties Co.

Inventors: Woo, Edward J., Rambosek, Thomas W., Angadjivand, Seyed A., Donovan, Mary B., Sanders, Rufus C., Jr., Chou, Yeun-Jong

Abstract: An abrasive article comprises a porous abrasive member, a nonwoven filter medium, and a porous attachment fabric. A plurality of openings in the porous abrasive member cooperates with the nonwoven filter medium to allow the flow of particles from an outer abrasive surface of the porous abrasive member to the porous attachment fabric. Methods of making and using the abrasive articles are included.