

Welcome to the winter addition of the Micrex Newsletter. For previous newsletters please see: www.micrex.com/newsletter.htm.

If for any reason you would like to be deleted from our mailing list, please send an email to robbins@micrex.com with delete in the subject line.

INDEX05 - Geneva, April 12- 15 (Stand #4129)

Micrex will exhibit an operating Micrex/Microcreper. This is a good opportunity to see The Micrex Process in action as well as discuss how our contract converting service (now available in Europe and The United States) can help you get started using our latest technology without having to make a capital investment. If you contact us in advance, we might be able to process your sample while you watch! Our mobile number at the show is 41.76.420.4118.

Some of the new technology we will be showing at INDEX include:

Polypropylene and other low melting point substrates can now be processed at high speed. The new Micrex/Microcreper Mark II now opens up many of the traditional benefits of Micrex technology (softness, stretch, absorbency and bulk) to a wide range of nonwoven substrates. For more information see www.micrex.com/pp.htm.

Example: Stretchable nonwovens. By matching the correct nonwoven substrate with one of the seven configurations of the Micrex/Microcreper, most kinds of stretch can be produced in a nonwoven substrate. See www.micrex.com/stretch.htm.

Example: Polypropylene is used for oil adsorption. One of the properties that helps it collect oil is the internal volume. We know that The Micrex Process makes all Polypropylene nonwovens a lot thicker, in some cases 10 times thicker than before processing. We are interested in learning if greater internal volume (the spaces between crepe pattern peaks) can be useful for oil adsorption. If you are also interested in increasing internal volume, ask for a free creping trial and we will help you learn what percent improvement in adsorption can be made.

Example: Floor cleaning wipes are one of the latest and fastest growing segments in the wipes market. Some designs include scrim reinforcement and embossed pockets. We assume the purposes are for adding toughness and dirt holding capacity. The thought occurred to us that it might be less complex and less expensive to use a creped nonwoven. The pattern provides a lot of pockets to hold dirt and the heat set crepe pattern will stay there (wet or dry) to make the nonwoven much tougher (greater TEA), and easier for the user to install (because it conforms and stretches like a spring). Consumers will visually recognize the distinctive creped pattern as a good value.

Example: Medical wraps for hot or cold packs are convenient, useful, and seem to be growing in popularity. But the parts of our bodies we put them on are usually not flat and are often flexed as a result of normal activities. Thus, a cold or hot pack substrate that easily stretches and has the elastic properties to conform to the changing shapes of elbows, knees, shoulders, or other anatomical protrusions could be a significant design advantage. A low cost Microcreped film/nonwoven composite can provide the comfort needed to make this

class of health care product more marketable simply because of softness and better fit. The same advantages may apply to bandages, beauty care wraps, and almost any nonwoven or composite used topically to apply and contain an ingredient on our complex human bodies.

Even if you cannot visit with us at INDEX, if there is anything we can do to help your company better-utilize the Micrex Process to impart softness, bulk, stretch, hand improvement, absorbency, drape and decorative effects in paper, textiles, films and nonwovens, please contact us.

Richard.Walton@micrex.com, President
Peter.Smith@micrex.com, Vice President
Drew.Horn@micrex.com, Product Development

Micrex Corporation
17 Industrial Road
Walpole, MA 02081 USA
800.660.1915
508.660.1900
Fax: 508.660.1818
www.micrex.com