

Comexi's EB printing technology and WetFlex[®] No. 39 / 2010

Comexi Group and Sun Chemical lead the EB flexo market for Flexible Packaging

After 5 years of joint research and development, Comexi Group and Sun Chemical are pleased to announce the commercial availability of the first fully industrial solution for flexographic printing using Comexi's **eCOMEXI** flexographic presses and the Sun Chemical WetFlex[®] ink system.

This technology was presented at Drupa 2008 on the Comexi Group booth, and today is ready to be used, with proven results, to print flexible packaging substrates.

The WetFlex flexographic electron beam curing ink printing process not only allows flexible packaging converters the use of a fully environmentally friendly technology, but also provides impressive quality and compliance advantages. This proposed solution guarantees total reliability in the heavy-duty industrial environment, achieving high printing quality with more than 70 l/cm, better brightness and a Comexi patented built-in inking system to secure full stability in the printing process. In addition, achieving such high print resolution allows our customers to compete more effectively in the markets which are traditionally dominated by gravure printing, with less cost per square metre as the print process is 100% VOC free.

Comexi Innovation Support for Customers

Nowadays Comexi is serie-producing the **eCOMEXI** press - the **eCOMEXI FW1508**. Starting in February 2010, Comexi offers the ability to carry out industrial scale runs in our R&D Centre in Girona, Spain on an in house new machine. A first-class production environment will be provided, with state-of-the-art technology, for our customers. All of these factors show that the Comexi Group and Sun Chemical are your best partners for innovation. Indeed, converters who are committed to leadership in innovative solutions for the flexible packaging industry to produce sustainable packaging will appreciate these benefits.

With the many changes emerging in the flexible packaging print industry, Comexi Group endeavours to perfect EB technology, and are fully convinced that this new technology will be an effective substitute for the current traditional solvent printing for flexible packaging.

Moreover, as an undisputed leader, the Comexi Group offers different solutions to increase added value of the packaging by using EB curable inks and coatings with

no VOC emissions, for coating, lacquering and special effects.

We would be pleased to welcome you to our facilities to show you this revolutionary and impressive printing process in action.

About Comexi Group – <http://www.comexigroup.com>

Comexi Group is a leading company as a machinery supplier of the flexible packaging industry. Family-run company that started its activities in 1954, now it's an industrial global supplier with more than 400 employees and 2 factories: one in Spain near Barcelona and the other located in Rio Grande do Sul in Brazil. Our four brands devote their best knowledge to offer high quality, state-of-the-art technology on flexographic presses (Comexi brand), solvent and solventless lamination and coating (Nexus Comexi brand), slitting and rewinding (Proslit brand) and logistics and environmental management for our industry (Enviroxi brand)

About Sun Chemical – <http://www.sunchemical.com>

Sun Chemical, a member of the DIC group, is the world's largest producer of printing inks and pigments and a leading provider of materials to packaging, publication, coatings, plastics, cosmetics, and other industrial markets. With annual sales over \$4 billion, Sun Chemical has more than 11,000 employees supporting customers around the world. The Sun Chemical Group of companies includes such established names as Coates, Hartmann, Kohl & Madden, and US Ink.

Sun Chemical Corporation is a subsidiary of Sun Chemical Group B.V., the Netherlands, and is headquartered in Parsippany, New Jersey, U.S.A. For more information, please visit our Web site at www.sunchemical.com .

WetFlex® Registered Trademark of the Sun Chemical Company

Release Date: Jan 22th, 2010

Information Release Number: IR 39-2010

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