Solutions for tissue production

Leading adhesive supplier **Henkel** has been presenting innovative solutions for tissue production at several events this year, highlighting the need to improve quality

As one of the leading adhesive suppliers to the tissue industry Henkel was present at major industry fairs and conferences in September and October. At TISSUEWORLD International Tissue Conference in Istanbul the company presented a paper and at the MIAC 2014 International Tissue Exhibition in Lucca, Italy and was present at the PAP-FOR International Tissue Fair in St Petersburg, Russia.

In the paper presented at TISSUEWORLD Conference Henkel discussed tissue market requirements and trends, their effects on manufacturing and process dynamics in the actual tissue production and the need for continuous improvement and differentiation. In addition, the paper proposed the use of a wide range of additives to improve both the production processes and the finished product quality itself and introduced a case study to illustrate these issues and potential benefits.

Sustainable partnerships

"There is an industry demand for constant improvement and differentiation by all players in the market and we wish to present innovative solutions for developing sustainable partnerships with tissue manufacturers and machine producers," says Ron McKinley, business director nonwovens EMEA, tissue & hygiene business. "We were delighted to present a paper at this prestigious event for any tissue manufacturers wishing to improve, innovate or reposition their end-products in this very consumer-focused industry. In a competitive market the need to get new products to market faster to follow fast-moving consumer trends is even more important and we at Henkel can certainly help to accelerate that process."

At MIAC 2014 International Tissue Exhibition Henkel showcased its full range of adhesives for all applications in the tissue converting process and in particular, its innovative Aquence FiberPlus range of additive products for cellulose fiber treatment systems.

Moving decision-making

This product line is Henkel's response to market requests for additives that can be applied during the converting process, moving the decision-making on final tissue properties from the paper mill to the converting line and selectively improving the quality of the standard paper in use.

"We have a comprehensive portfolio of tissue converting adhesives including Aquence FiberPlus which is constantly expanding, not only with market products but very often with tailormade solutions for customers," continues McKinley.

"We are very happy to engage with customers wishing to improve, innovate or reposition their end-products in this very consumer-focused industry."

At the PAP-FOR International Tissue Fair Henkel showcased its range of adhesives for the tissue converting process with a focus on the Aquence FiberPlus product range.

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Custom solutions for punch applications in flexible materials

AZCO Corp has introduced a one-piece modular punch assembly. These units have a punch-and-die design to make custom-shaped cut-outs. Applications include punching holes in flexible materials such as films, foils, paper, nonwovens, hose, tubing, tape, foam, rubber, mesh, laminates and medical devices. Optional features include custom shapes, single or multiple tooling and sensors.

In addition to punching out holes or shapes, the units are capable of creating virtually invisible micro punches. Unsightly holes in packaged bags are eliminated, allowing for a variety of display options without compromising the product's package integrity or aesthetic quality.

Available in pneumatic or electric configurations, the punch units use hardened-steel tooling that is clean-cutting and fast-acting. The assembly can be mounted in any orientation so you can add it to any converting, processing or assembly line in any way you see fit - just bolt it on.

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