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ETI launches film surface treatment system

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ETI Converting has launched its surface treatment system for film, the ETI-CPO. The system can be integrated into any of the company's in-line manufacturing presses, such as the Cohesio and Labeline.

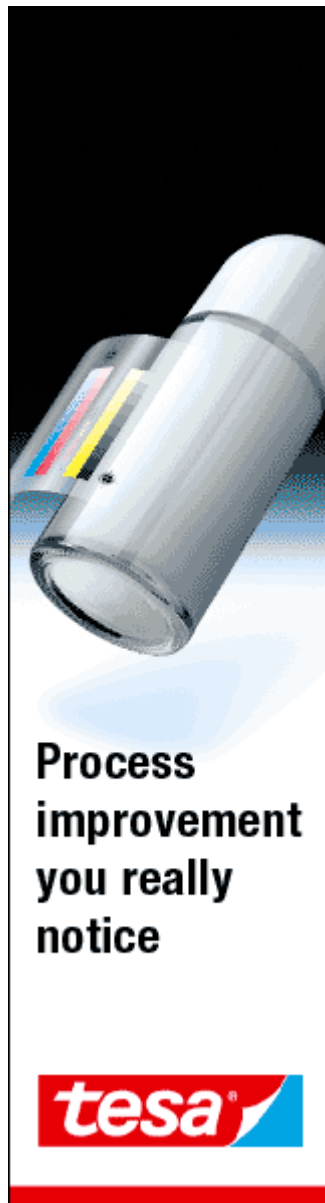
President and CEO Francois Bayzelon explained: 'With our technology, we can offer printers the possibility of creating their own complete material or labels, all with a guarantee that they will save 30 to 70 percent by purchasing raw materials. Moreover, with this surface treatment unit for films, the notion of economy and producing complete material really takes full effect.'

The new system, ETI-Corona Plasma Optimum, or simply ETI-CPO, functions inside a controlled inert gaseous atmosphere, which sends a corona discharge to the surface of the film (PP, BOPP or PET), permitting the increase of energy to the surface, allowing for an excellent watability and a superb adherence of glue, ink or any other coating. In experimental stages during the past few years, the CPO has now completed testing.

This plasma system does not emit any harmful ozone, on a preheated web at a temperature of 50 deg C. The integrated system will cool the web before entering the rotary press so it does not affect the location or the tension. This system is claimed to be environmentally friendly due to the reduction of solvents and varnished usually used during traditional procedures to apply pre-printed coatings. The limited cost of this operation calculates itself in just fraction of pennies.

The ETI-CPO system can be used on the Cohesio or can be mounted on a rotary press that prints the facestock before applying the adhesive.

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