

Fameccanica booth at Index 14 and Life+ Project display stand

Fameccanica Life+ Project at Index 14, Geneva



Fameccanica Life+ project was presented at Fameccanica booth during the

latest Index 14 exhibition in Geneva.

The Index exhibition, organized by EDANA association of nonwovens-related industries, is considered as one of the most important events in the hygiene disposable industry worldwide.

It is a recognized global meeting point for companies representing the nonwovens and related industries worldwide, displaying a wide range of

products and services, and is held every three years.

According to the organizer, this year, more than 12,500 visitors made their way through the doors of the Palexpo exhibition centre in Geneva, keen to see the 586 exhibitors (an increase of 10% on the previous edition in 2011), from 41 countries.

During the exhibition, Fameccanica introduced its Life+ Project through one-to-one meetings with its Customers, and through visual totem display stands and leaflets distributed to the public.

LIFE+PROJECT
AS NATURAL AS WE CAN

GLUELESS LAMINATION OF BACK EARS IS FAMECCANICA LIFE+ PROJECT FIRST ACHIEVEMENT

On July 1st, 2013 Fameccanica was granted financial support to project proposal N° LIFE12-DNA-IT-000423 concerning the development of such financial support was acknowledged by Regulation (EC) N° 634/2007 of the European Parliament and of the Council of 23 May 2007 concerning the Financial Instrument for the Environment (LIFE). The project aims to demonstrate to industry and policy makers the significant environmental impact reduction in Absorbent Hygiene Products (AHP), such as diapers, can be realized, with appropriate solutions that will be the subject of this project. The project will showcase how environmental impact can be reduced, while cost competitiveness can be held or even increased. The project shall run for three years, starting July 1st, 2013 to Dec. 31st, 2016.

The first achievement of the project has been reached at the end of December 2013, with the completion of the qualification of a new **GLUELESS** lamination concept for back ears for baby diapers.

Fameccanica is known for its patented solution for a unique technology for in-line processing of breathable laminates with ultrasonically bonded transpiring spots. This latest improvement has been reached with the complete elimination of the glue applications in this laminate and this is by itself, an evidence step in the direction of cost saving in diaper production processes and environmental impact reduction.

This **GLUELESS** construction is now a commercially available solution with Fameccanica laminating machine model FLS.

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SUSTAINABILITY

Sustainability has become an integral part of our policy and our holistic view of innovation.

We believe that Fameccanica's Research & Development can make a difference. The **LIFE+ project** is in place to demonstrate that significant environmental impact reduction in absorbent hygiene products can be realized, with appropriate solutions, that will be the subject of this project.

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Glueless application of ADL is under lab test qualification

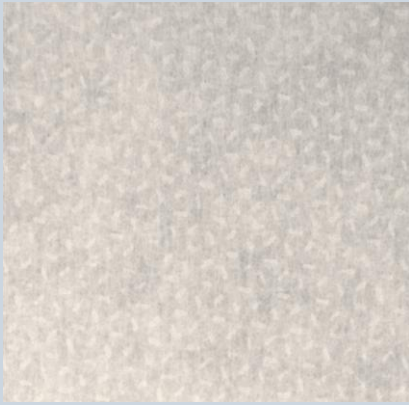


Photo of diaper topsheet with glueless application of ADL

Fameccanica has started the qualification of its glueless application of ADL (acquisition-distribution-layer) on diaper topsheet.

The objective of this project phase is to make available a proven technology to be used on Fameccanica converters with commercially available raw materials and a validated set of product performance data.

The initial lab test demonstrated that the process and technology

developed are appropriate to realize this type of application at the full speed of the commercially available diaper machines.

Also, the product performance validation phase shows that the key performance indicators selected (peel force test and fluid handling-acquisition) meet the initial objectives.

The final engineering phase has now started to make this technology available for the market in the next future.

Characterization of elastic strand physical properties

Since Feb. 2014, as a pre-work for the activities pertaining the glueless application of this feature, a specific lab test was started, with the aim of making a database pertaining the physical properties and behavior under tension of commercially available elastic strands for baby diapers.



Lab test for elastic strands characterization

The First Inception report made available to the E.U. commission

On Feb. 28, 2014, the first Inception Report of the project has been made available to the Life+ commission according to Action "Project monitoring" foreseen in the Project Grant Agreement.

The report covered the first seven months of the project, in particular the period from July 1st 2013 to January 31st 2014.

The report showed that the project has taken off well and its technical actions are proceeding without any significant difficulty. The preparatory actions have been well established and three of the scheduled implementation actions have already started.

The report included the status of each scheduled activity and achieved deliverables, as well as information pertaining the team involved and the project management and accounting systems in place.

