



Expo Industry 2011

Domestic Company Applies Green Technology to Product Packaging

- *Oxo biodegradable foam is 100% recyclable.*
- *Material is adapted to the need of protecting products, from electronic devices to fruits and vegetables.*

Costa Rican industry stands out not only for competitive production in the local market and exports, but also for inputs to complement the sector as a whole, resulting in a more environmentally friendly and integrated industry to develop value chains and improve product quality.

That is the case of Prodex products for national and international industry, including protective packaging foam for electronic equipment, electrical appliances, and reflective material to keep internal temperature of seafood and pulses during shipping for 36 hours –each manufactured with oxo biodegradable technology, ensuring total compatibility with nature.

Therefore, Prodex has become a key partner in banana industry, furniture, electrical appliances, import of fruits and vegetables, flowers, glassware, fast food, meat, among others. The goal is to ensure product protection compatible with the environment.

"We have developed green technology to complement production chain of other industries in Costa Rica in terms of competitiveness and sustainability. Our Research and Development Department has been constantly researching and innovating to improve quality of foam and packaging targeted to different sectors and products," stated Silvia González, Head of Marketing at Prodex.

She explained that polyethylene foam for most Prodex packaging and packing uses biodegradable technology so that plastic is degraded and fully absorbed back into the environment, considerably reducing pollution. "This is how we adapt products to the need of the industry to be sustainable through making the most of resources in an eco-friendly way," said González.

Expo Industry 2011 will be the opportunity for buyers, industries, businesses and the general public to have access to these packaging and packing products manufactured in Costa Rica with the best technology. Below is a description of each product:

PROFOAM: This polyethylene foam is highly shock, tear-and-moisture resistant, and easy-to-handle. It is very economical, for it reduces amount of required packaging material, saving total shipping weight. This is used for packaging products such as handicraft, furniture, fruits or vegetables, glassware, instruments, electronic or medical equipment.

STATICPRO: This foam includes a protection barrier to prevent static charges –very harmful to different electronic components. This material reduces handling and shipping damages up to 25% in some electronic equipment. It is weightless, saving in shipping; it is used for instruments and electronic pieces, computer equipment, audio and video, medical equipment, and electrical appliances.

BANAPACK: This special packaging provides protection to the banana industry. Producing polyethylene foam with the right texture, density, and thickness protects this fruit from early development stage to dispatch to end users. This material significantly improves product quality; it is resistant to moisture and microorganisms.



PRONET: This polyethylene mesh protects products individually during shipping and packaging, allowing for ventilation. In case of fruits, it prevents early ripening and growth of fungi and bacteria. Product losses are reduced by 25-30%. Additionally, it is used for flower and glassware protection.

AIRBAG: These perforated bags ensure protection and extend shelf life of perishable products such as grapes, apples, strawberries, meat, seafood, flowers, and the like. They extend shelf life of these products, allowing for ventilation.

PALLETCOVER: This reflective thermal lining keeps internal product temperature stable for up to 36 hours, preventing costly losses for early product ripening. It is used for shipping fruits, vegetables, pulses, meat, seafood, and the like.

MULTIPACK: This tailor-made polyethylene foam packaging prevents at all times any movement inside the box and reduces cost and amount of required packaging material. It is largely used for products such as musical instruments and handicraft, or for any other need.

COVERPRO: These foam pieces, known as reeds, provide a highly effective, light and practical solution for shipping, storage and protection mostly of furniture. These reeds reduce amount of required packaging material.

PROTECTIONBAGS: These new polyethylene foam bags are tailored to the needs of a customer or product, providing anti-shock and anti-static protection, vapor barrier, thermal resistance and protection, among others. Versatile applications include prepared foods protection and ice.

BASICBAGS: These polyethylene foam bags come in a wide variety of shapes and sizes, providing the best protection and reducing costs for packaging products such as sports gear, liquors, mattresses, and the like.

THERMALBAG: These thermal bags with physical properties such as insulation and protection keep your food cold or frozen for up to three hours, reducing chances of thermal shocks. These easy-to-store bags carry hot or cold food and beverages –perfect for fast food restaurants.

TOUGHBAG: These low-density polyethylene foam bags are shock and tear resistant. They are reusable and may be opened and closed as many times as needed without tearing up. These sealed bags are perfect for keeping ice, as there is no dripping.

Expo Industry 2011 Exhibition will be held at the Convention Center of *Ramada Plaza Herradura* Hotel.
Open house on April 7 and 8 from 12:30pm to 7:00pm, and on April 9, from 10:00am to 6:00pm

Marina Rodríguez Aymerich
Image and Creative Communication
2283 7101/ 8892 5120
mrodriguez@iccasesores.com