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DUNMORE's New DUN-SOLAR TPE Backsheet Extends Productive Lifetimes of Solar Modules

Superior Materials Increase Backsheet Durability

Bristol, Pa., Sept. 11, 2012 – DUNMORE Corporation today announced the introduction of a new version of its DUN-SOLAR [TPE solar module backsheet](#). TPE provides the proven performance of [DuPont™ Tedlar® polyvinyl fluoride film](#) in a construction that exceeds current market requirements for longevity and total cost of ownership.

DUNMORE engineered this advanced backsheet using the latest Tedlar® oriented polyvinyl fluoride film, improved polyester core and adhesive materials. Now DUN-SOLAR TPE offers damp heat performance beyond 3000 hours at more competitive pricing.

The new TPE backsheet made with improved materials extends solar module lifetime and productivity because they better protect the solar module's circuitry from moisture and performance loss. More durable insulation also protects workers from electrical shocks while they are maintaining solar modules.

With warranty periods on solar modules extending to 25 years and beyond, manufacturers are seeking high-performance components that won't cause premature failure or performance loss. At the same time, they need to keep their costs low so solar energy can compete with the price of established energy sources.

DUN-SOLAR TPE is among the first UL-listed backsheet that incorporates the latest Tedlar® oriented polyvinyl fluoride film.

"We're very pleased to provide our customers with a superior backsheet made with DuPont™ Tedlar® film," said DUNMORE Vice President John Jordon. "Tedlar® film has a well-established track record of reliable performance and durability. DUNMORE's thin-film lamination experience adds to the value of DUN-SOLAR TPE by combining backsheet layers with maximum quality to ensure long-term performance for modules exposed to all weather conditions."

Customers looking to start using the UL listed next generation TPE can take advantage of DUNMORE Corporation's [SmoothStart™ engineering services program](#). The SmoothStart™ program places one of the company's engineers on the customer's production floor at no additional cost. The DUNMORE engineer supplements the customer's in-house engineering expertise, contributing knowledge and experience to help negotiate complicated production issues to help customers start their production runs sooner and significantly reduce material waste.

DUNMORE is a major provider of low cost, [high-performance solar module backsheets](#). The company has more than 40 years of experience in thin-film production and has been working with Tedlar® film for almost as long as it has been on the market.

DUN-SOLAR TPE will be in full production starting in Q3 2012. For more information on DUN-SOLAR TPE please visit: <http://www.dunmore.com/products/tedlar-pv-backsheet.html>.

About DUNMORE

DUNMORE Corporation is a global supplier of engineered [coated and laminated films and foils](#). DUNMORE offers film conversion services such as coating, metallizing and laminating along with contract film manufacturing. DUNMORE produces coated film, metallized film and laminating film substrates for the photovoltaic, graphic arts, packaging, aerospace, insulation, surfacing and fashion industries. DUNMORE is privately held, ISO 9001:2008 and OSHA VPP Star certified. For complete information on DUNMORE's products, services and industries served, please visit DUNMORE's website <http://www.dunmore.com/>.