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FOR IMMEDIATE RELEASE

## DUNMORE Launches New DUN-SHIELD™ Electrostatic Dissipative (ESD) Films to Protect Spacecraft Equipment

DUNMORE's [DUN-SHIELD™ electrostatic dissipative \(ESD\) films](#) are a protective film used for the storage and packaging of sensitive spacecraft equipment and components. The new ESD Films product line is an addition to DUNMORE's extensive aerospace films catalog made up of over 400 engineered films for thermal protection systems.

BRISTOL PA, November 4, 2010 (PRWEB) - DUNMORE Corporation announced today the expansion of its extensive aerospace product portfolio with the addition of the new DUN-SHIELD™ [Electrostatic Dissipative \(ESD\) Films](#). DUNMORE has been a primary supplier of engineered films for Thermal Protection Systems (TPS) used on spacecraft for over twenty five years. These TPS films form the basis for [multi-layer insulation \(MLI\)](#) blankets, which are designed to protect satellite structures and their sensitive instruments from the extreme conditions of space. Prior to launch and during the entire construction and integration process, DUN-SHIELD ESD films provide protection from contamination and potentially harmful static electrical charges.

DUN-SHIELD electrostatic dissipative films are engineered protective films designed for the storage and packaging of sensitive spacecraft equipment and components. Manufactured against a strict set of criteria for workmanship and cleanliness, DUN-SHIELD ESD films are held to the same high standards as our Flight Qualified MLI materials. DUN-SHIELD ESD films have been thoroughly tested and qualified by NASA's Materials Engineering Branches at Goddard Space Flight Center, MD and Kennedy Space Center, FL. Qualification testing included NASA, ASTM and MIL STD tests for Outgassing, NVR, ESD, Cleanliness, Hypergol Compatibility and Static Decay where the materials met or exceeded the requirements.



Example of DUN-SHIELD™ Electrostatic Dissipative film.

Photo courtesy of NASA GSFC - Solar Dynamics Observatory

"The development of our family of DUN-SHIELD ESD films was a natural progression for Dunmore," says Art Mallett, Jr., Business Development Manager for the Aerospace Products Group at Dunmore. "The unique properties and overall quality of this non-flight product are extraordinary and directly reflect Dunmore's heritage of supplying specialized MLI materials throughout the aerospace industry."

[DUN-SHIELD ESD films](#) are commercially available in 1 mil and 2 mil thicknesses at widths up to 60" wide in standard and customized finished roll lengths.

### About DUNMORE

DUNMORE Corporation is one of the world's top [film converters](#) and a leader in films for aerospace and aeronautics. DUNMORE also produces coated film, metallized film and laminated film substrates for the solar, graphic arts, packaging, insulation, surfacing and fashion industries. DUNMORE offers film converting services such as coating, metallizing and laminating along with contract film manufacturing. DUNMORE is privately held and ISO 9001:2008 certified.

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