



145 Wharton Road
Bristol, PA 19007-1620
Phone 215 . 781 . 8895
Fax 215 . 781 . 9293

3633 Danbury Road
Brewster, NY 10509-9813
Phone 845 . 279 . 5061
Fax 845 . 279 . 5231

DUNMORE Europe GmbH
Hausener Weg 1
79111 Freiburg,
Germany
Phone +49 761 4 9046-0
Fax +49 761 4 9046-79
www.dunmore.de

www.dunmore.com

DUNMORE materials protecting ISS-bound cargo on Orbital Sciences' Cygnus demonstration mission

Bristol, Pa., September 18, 2013 – DUNMORE Corporation [multi layer insulation \(MLI\) films](#) and tapes will protect vital components and wiring aboard Orbital Sciences' spacecraft "Cygnus" as it docks with the International Space Station for the first time.

Aerospace company Orbital Sciences used DUNMORE high performing thin films and tapes on its Cygnus advanced maneuvering spacecraft, which launched from NASA's Wallops Island Flight Facility this morning. Cygnus will rendezvous with the ISS as part of the Commercial Orbital Transportation Services program (COTS) demonstration mission, marking the first of two scheduled demonstration missions to the ISS. Eight scheduled follow-on missions are part of NASA's Commercial Resupply Service (CRS) program, a contract consisting of at least twenty total resupply missions split between SpaceX and Orbital Sciences.

"Providing MLI material to Orbital Sciences gives DUNMORE a presence in both of the U.S.-based commercial supply missions to the International Space Station," said Dan Sullivan, DUNMORE Sales Director.

DUNMORE is a key supplier of high-performance [films for aerospace](#) and an important partner for NASA and its commercial subcontractors. DUNMORE's high-performance, thin-film-based MLI materials protect spacecraft while contributing less to a spacecraft's weight than options like metal sheeting and composite panels. DUNMORE materials are at work on the Hubble Space Telescope, the International Space Station (ISS) and NASA's science missions. DUNMORE is also supplying MLI materials to the Mars Science Laboratory – Curiosity and the upcoming MAVEN mission to study Mars' atmosphere.

The Orbital Sciences demonstration mission consists of the Antares rocket and the Cygnus spacecraft. Antares is a two-stage launch vehicle designed to provide low cost and reliable access to space for payloads weighing up to 6120 kg. Cygnus is an advanced maneuvering spacecraft developed by Orbital to deliver cargo under a NASA Commercial Orbital Transportation Services Space Act Agreement.

About DUNMORE

DUNMORE Corporation is a global supplier of engineered [coated and laminated films](#). 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 aerospace, photovoltaic, graphic arts, packaging, 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/>.

Media Relations:
Steve Young, Marketing Manager
steve_young@dunmore.com
(215) 781-8895

###