



DUPONT

TITLE	HDPE air cargo liners protect temperature-sensitive cargo from solar radiation						
COMPANY / ORGANIZATION	Dupont (in development with Cargolux) 						
FOOD CHAIN AREA	<ol style="list-style-type: none"> 3. Warehousing / storage 4. Finished goods transportation 						
KEYWORDS	HDPE, air cargo, transportation, storage, solar radiation, temperature-sensitive, liner, cold chain						
ISSUE ADDRESSED	Maintaining proper temperature during air transport is most difficult during temporary breaks in the cold chain – where cargo is subject to extreme conditions such as prolonged exposure to solar radiation and/or ambient temperature extremes on the tarmac. Temperature-sensitive cargo is especially prone to spoilage during air transport.						
SOLUTION	<p>DuPont™ Tyvek® Air Cargo covers provide thermal protection to sensitive cargo from the damaging effects of solar radiation heat. Made from HDPE, they are lightweight, tear resistant, and easy to use. The reflective property of Tyvek helps keep shipments naturally cooler and allows for rapid cooling of the load when placed in chilled storage or cooling chambers, shortening cooling times. Tyvek is also permeable, enabling gases and vapors to escape, helping reduce spoilage and condensation. In addition, Tyvek Air Cargo Covers provide protection from heavy rains and a variety of airborne contaminants.</p> 						
EXPECTED BENEFITS	<p>Reduced wastage: One client, Newrest First Catering, reduced wastage by ⅓ by using Tyvek covers.</p> <p>Improved cold chain management: Generates an average of 15.4°C lower temperature when compared to an uncovered load and 9.2°C lower than ambient temperature. Tyvek covers provide better temperature control during breaks in the cold chain and significantly lower relative humidity to comparable cargo covers.</p> <p>Increased savings: Reduced costs associated with losses, excursion management, secondary packaging and shipping.</p>						
CASE LINK	http://www2.dupont.com/Air_Cargo_Covers/en_US/index.html http://www2.dupont.com/Air_Cargo_Covers/en_US/assets/downloads/DPT13_19091_Brochure_me02.pdf						
CONTACT INFORMATION	<table border="0"> <tr> <td>DuPont Canada</td> <td>Dupont U.S.A.</td> </tr> <tr> <td>Product Inquiry Centre</td> <td>Corporate Information Center</td> </tr> <tr> <td>Tel: 1-800-387-2122</td> <td>Tel: 1-800-441-7515</td> </tr> </table>	DuPont Canada	Dupont U.S.A.	Product Inquiry Centre	Corporate Information Center	Tel: 1-800-387-2122	Tel: 1-800-441-7515
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