**Proven Performance with Real Benefits**

DuPont™ Tyvek® Solar™ W10 cargo covers are used to protect a wide variety of perishable products and pharmaceuticals worldwide. Tyvek® Solar™ W10 has been thoroughly tested in a range of extreme temperature fluctuation scenarios.

**Breathable Barrier**

Tyvek® Solar™ W10 offers inherent breathability. The fabric allows the exchange of air and water vapor, helping ensure that interior moisture levels cannot reach damaging levels as a result of ambient temperature fluctuations. The breathable barrier protects your product—and your bottom line.

**Range of Available Sizes**

A global size range of Tyvek® cargo covers is available (UK/USA, PMC, ULD, EURO, ASIAN and matching bases), as well as custom sizes.

**Lightweight Strength**

The unique flash-spun structure of Tyvek® is difficult to tear and puncture, yet it’s 2 to 10 times lighter than typical competing products.

**Lower Heat Gain**

The brilliant white surface of the DuPont™ Tyvek® Solar™ W10 cargo cover reflects a greater amount of high-intensity, visible-spectrum solar radiation than competing covers, reducing heat gain.
## Technical Specifications

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basis Weight(^{(1)})</td>
<td>58 ± 3 g/m(^2)</td>
<td>DIN EN ISO 536 (96)</td>
</tr>
<tr>
<td>Thickness(^{(2)})</td>
<td>170 ± 60 µm</td>
<td>DIN EN ISO 534 (05)</td>
</tr>
<tr>
<td>Tensile Strength(^{(2)})</td>
<td>MD 165 ± 25 N/5cm</td>
<td>EN 12311-1 (99)</td>
</tr>
<tr>
<td></td>
<td>XD 140 ± 25 N/5cm</td>
<td></td>
</tr>
<tr>
<td>Tensile Elongation(^{(3)})</td>
<td>MD 9% ± 2%</td>
<td>EN 12311-1 (99)</td>
</tr>
<tr>
<td></td>
<td>XD 16.5% ± 4.5%</td>
<td></td>
</tr>
<tr>
<td>Tear Resistance (Nail Shank)(^{(3)})</td>
<td>MD 65 ± 15 N</td>
<td>EN 12310-1 (99)</td>
</tr>
<tr>
<td></td>
<td>XD 60 ± 15 N</td>
<td></td>
</tr>
<tr>
<td>Emissivity</td>
<td>62.7% ± 2%</td>
<td>ASTM C1371</td>
</tr>
<tr>
<td>Light Reflection (400–700 nm)</td>
<td>90.9% ± 1.7%</td>
<td>ASTM E1164</td>
</tr>
<tr>
<td>Moisture Vapor Transmission(^{(4)})</td>
<td>1675 ± 725 g/m(^2)/24h</td>
<td>DIN EN ISO 12572 C</td>
</tr>
<tr>
<td>Water Pressure (Hydrostatic Head)(^{(5)})</td>
<td>&gt;170 cm H(_2)O</td>
<td>DIN EN 20811 (92)</td>
</tr>
<tr>
<td>Resistance to Penetration of Water(^{(4)})</td>
<td>W1 PASS</td>
<td>DIN EN 1928-A (00)</td>
</tr>
</tbody>
</table>

MD/XD: Machine direction/Cross-machine direction

(1) Sample size 100 cm\(^2\)
(2) Surface 2 cm\(^2\), pressure 100 kPa
(4) Results based on multi-layer testing; 100%RH in the cup; 2.5 m/s air velocity above the cup; 30 min time interval
(5) Rate of use 60 cmH\(_2\)O/min

---

**External layer of Tyvek®**
- High-reflectivity fabric protects goods from solar exposure

**Helps moderate temperature extremes**

**Lightweight design for easy handling and reduced freight costs**

**Installs easily for reduced labor requirements and consistent performance**

**Durable and tear resistant**

**Water resistant**

**Built-in elastic band for ease in securing the cover**

**Wide range of industry-standard and customizable sizes**

**Securable with Tyvek® tape for tamper evidence**

**Recyclable for reduced environmental impact**

**Recommended for pharmaceuticals**

**Breathable for reduced buildup of condensation and gas**

---

*Our global team of Tyvek® experts is ready to assist you.*

cargocovers.dupont.com 1-800-44-TYVEK

*The Tyvek® recycling program is available now in the United States and launching in Canada in 2018.*

Copyright © 2017 DuPont. All rights reserved. The DuPont Oval Logo, DuPont™, For Greater Good™, Tyvek®, Tyvek® Solar™ and Tyvek® Xtreme™ are trademarks or registered trademarks ofE.I. du Pont de Nemours and Company or its affiliates. K-29595 (09/17)