



Tyvek.

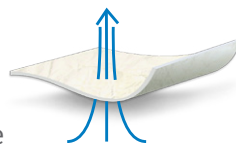
# DUPONT™ TYVEK® SOLAR™ W10™

## 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.



BREATHABLE TYVEK



## 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

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

MD/XD: Machine direction/Cross-machine direction

(1) Sample size 100 cm<sup>2</sup>

(2) Surface 2 cm<sup>2</sup>, pressure 100 kPa

(3) Modified for sample preparation before testing as per EN 13859-1 (2010) & EN 13859-2 (2010)

(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<sub>2</sub>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



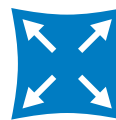
Installs easily for reduced labor requirements and consistent performance



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 team of Tyvek® experts is ready to assist you.  
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[www.bagmasters.store](http://www.bagmasters.store)

**BagMasters**

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GREATER  
GOOD™