



PREMIUM THERMAL PALLET COVER



TLX8 is the industry's premium thermal pallet cover, utilising 30 years of scientific expertise to develop this advanced solar radiation barrier technology.



The smart technology works harder the hotter it gets, reflecting solar radiation from all surfaces, irrespective of the angle of the sun. This allows the thermal pallet cover to protect against heat on the tarmac.



TLX8 is a proven solution, having gone through twelve months of rigorous testing in Western Australia at temperatures of 50°C+. This unique thermal cover is ideal for pharmaceutical, perishable and chemical shipments.

THE BENEFITS OF TLX8:

- Stops temperature excursions
- Utilises SOLARAP™ technology
- Fully recyclable. Take to your local specialist recycling centre
- Suitable for 2-8°C and 15-25°C shipments
- Robust, flexible, lightweight, waterproof, easy to handle
- Only takes 1-2 minutes to install
- Anti-theft and tamper proof
- Small pack size: 200+ units per pallet



+44 (0)1204 695 666



sales@tlxinsulation.co.uk



tlxcargo.com

The Technology Used in TLX8 Cargo Covers

TLX8 cargo covers are made from SOLARAP™, a new advance in solar radiation barrier material.

Protecting cargo from heat buildup is complex because solar radiation contains billions of electromagnetic waves that range from the smallest wavelength; ultraviolet (this can be 1500-2000 times smaller than the thickness of a human hair), to the largest; infrared (which is roughly 20 times larger).

These waves will vary in their angle of attack and intensity according to the makeup of the atmosphere and position of the sun. On a clear, dry, sunny day they will strike the cargo cover at a predictable angle. But if there is any moisture or wind, then the waves will be scattered in all directions.

SOLARAP™ solves these problems by capturing this incoming solar radiation so that it bounces off the walls of billions of tiny nano-pores formed inside the material. These pores are circular and are designed to build a 360° wall of intense energy that scatters radiation from whichever direction it comes.

As a result, SOLARAP™ works harder the hotter it gets.

Although only 0.5mm thick, SOLARAP™ nano-pores have a surface area of 35.3 m²/g, meaning that the pores in one TLX8 cargo cover have the surface area of 8 football pitches.

Because SOLARAP™ is so thin, as soon as the temperature drops, the cover immediately releases all its heat.

SOLARAP™ is the world's first material specifically designed to mitigate heat buildup inside a cargo cover in all weather conditions.

