

Case Study

World Federation of Hemophilia minimizes temperature deviations on deliveries of life saving drugs using PalletQuilt® covers.

Challenge

The World Federation of Hemophilia (WFH) has expanded its reach globally into more than 70 countries, and the challenge of safely delivering critical medication to patients in remote regions of the world presents a host of challenges. In underdeveloped areas with poor infrastructure, primitive airports and little regulation, the responsibility falls on the WFH to maintain a secure cold supply chain and to meet the criteria of its donor companies, including the stability guidelines that come with the medicine they are providing for distribution to patients often found in some of the hottest regions of the world.

As the WFH has qualified remote destinations, their airports, and facilities, to be GDP compliant and aligned with SOP's regarding the handling of sensitive cargo, the greatest risk to the integrity and safety of the donated medicine remains the task of keeping these drugs within allowable temperature ranges as dictated by stability studies from each manufacturer. The most cost effective way to secure compliance was through PalletQuilts, which are a form of passive temperature protection. PalletQuilts enable WFH to ship these 2-8°C pharmaceuticals to locations like Sub-Saharan Africa, South America and South East Asia without conventional temp control and without compromising the safety and integrity of both the medicine itself and the patients that rely on it.

Solution

Over the past several years as the WFH was expanding its ability to deliver bleeding disorder patients the medicine they needed, QProducts & Services was continuing to make its mark on global cold chain logistics in the pharma world as well. The WFH needed a robust solution to protect their pharma pallets from the cold room at origin, out onto the tarmac, through the air and back out into the possibly extreme heat conditions that awaited at remote and rugged airstrips, until the pallets could reach the safety of cold storage once again.

QProducts & Services' PalletQuilt solution offered the reflective radiant barrier and robust insulation needed to stand up to the harsh conditions and kept the donated drugs safe. Georgios Ampartzidis, WFH Logistics Manager stated, *"By using PalletQuilts for the past year to donate and ship pharmaceutical products to more than 70 countries we completely avoided temperature deviations that would risk the integrity and safety of the donated products."*

Ampartzidis added, *"We have also successfully passed internal and external audits, proving that we are taking all measures to ensure the safety of their products until they reach the end user. One of the most important measures we took and a true game changer for what we do, is starting to use PalletQuilts."*



WFH

WORLD FEDERATION OF HEMOPHILIA



Industry:
Pharmaceutical,
Life Sciences



Application:
International Air-
freight



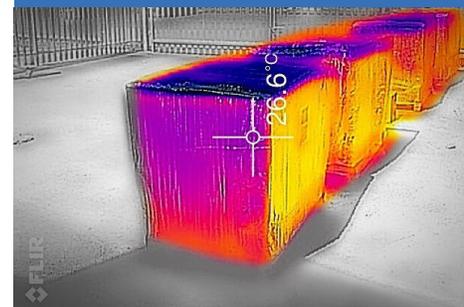
Route:
North America to
South America,
Africa and Asia



Challenge:
Heat Protection



Solution:
PalletQuilt®



Watch how
PalletQuilt® works!