



COVERS FOR DATA CENTERS

EQUIPMENT PROTECTION FOR DATA INDUSTRY OFF-SITE CONSTRUCTION

The demand for robust IT infrastructure is surging due to evolving technologies, leading to a race for efficient, scalable data centers. Manufacturers are embracing modular construction methods to meet this demand, offering rapid deployment, flexibility, and high quality. While this method streamlines many aspects of a construction project, modular solutions rely on off-site construction, opening many opportunities for units to be damaged during storage or transport to the job site. Failing to protect newly manufactured modules adequately can lead to damaged products, warranty claims, and dissatisfied customers.



EXPERIENCE THE TRANSHIELD DIFFERENCE

Transshield is emerging as an industry leader in providing equipment protection solutions for data center construction projects, ensuring safe transportation and storage of equipment. Our cutting-edge protective covers are tailor-made to withstand the elements and prevent damage.

Transshield's patented non-abrasive composition protects products better than tarps, conventional shrink wrap, and wooden crating. Our covers are

faster to install and custom designed according to your specifications.

- Anti-condensation – prevents moisture build up
- Shrinkable up to 20% for an aerodynamic fit
- Optional VCI (vapor corrosion inhibitor) additive to reduce corrosion
- Optional zipper doors for access and clear panels for inspection



WHY TRANSHIELD WORKS



WATERPROOF FABRICS – Moisture, rain, snow, and sleet will not penetrate the cover. Transshield products have proven effective in all climates.

RH%

ANTI-CONDENSATING – Moisture under the cover is pulled toward the outside of the cover via the capillary and moisture surface tension properties of the technology. Moisture is removed and relative humidity is reduced.



VAPOR CORROSION INHIBITOR (available) – Reduces corrosion by as much as 95%. Effective on multiple metals. Majority of VCI is emitted inward toward the protected equipment. VCIs do not contain nitrites, nitrates, or hazardous materials.



DURABLE – Service life of several years, even in the harshest environments.



SOFT INSIDE – Aids in ease of installation and protects Class A surfaces and expensive CARC paint surfaces.



LIGHTWEIGHT – Depending on the material, the weight is between 0.20 - 1.25 lbs per square yard. Most covers can be installed by one-two people.



CUSTOM FIT – Our design process ensures a custom-fit cover that is reinforced at all wear points. Access points are developed in accordance with customer desires.



PROTECTION FROM DEGRADATION – Protects from harmful UV rays, rain, snow, sleet, dust, sand, wind, and airborne pollutants (ash, etc.).

SPECS

FABRICS	5 MIL	7 MIL	10 MIL
COLORS	white	white, tan, blue, green, red	white
TOTAL THICKNESS	20 MIL	23 MIL	32 MIL
WEIGHT (lbs/yd ^2)	0.3	0.4	0.6
LINING	nonwoven	nonwoven	nonwoven
STRENGTH Load bearing (lbs) MD/CD average	46	35	45
EXPECTED LIFE (years)	2	2	2
SHRINKABLE/ NON-SHRINKABLE	shrinkable	shrinkable	shrinkable
WATER VAPOR TRANSMISSION (g/m^2/day)	3.1*	3.1	2*

*Estimated Value
Numbers subject to change without notice
For information on our patented technologies and products, visit www.transshield-usa.com/resources/patents/

WHY VCI?

Covers containing VCI have proven to be effective in fighting the formation of corrosion.

