



COVERS FOR RAIL INDUSTRY

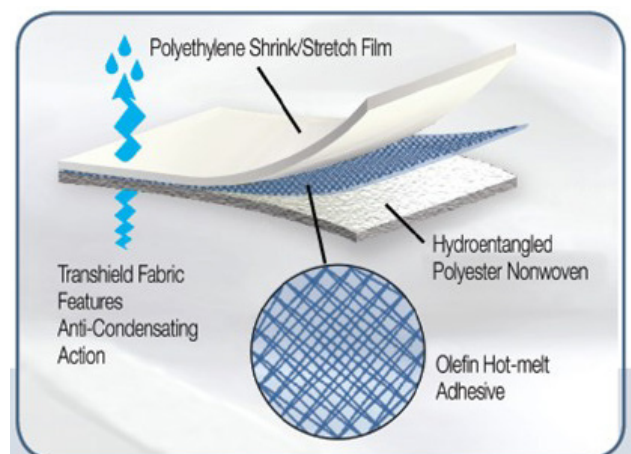
PROTECT AGAINST GRAFFITI & VANDALISM

Transshield covers offer protection against graffiti and vandalism, corrosion, mold, and paint damage during storage. The locomotive storage covers are easy to install and the added ability to heat shrink the cover allows for a tight fit. Transshield covers have been field tested and developed in conjunction with specific requirements of major rail carriers. These shrink wrap covers also reduce maintenance costs when returning equipment to full service. Railroad side houses and other equipment can also be custom protected.



ADVANCED PROTECTIVE COVER TECHNOLOGY

Transshield covers are made from Shrinkable Fabric™ and consist of three layers: an outer layer, that resists UV-rays and prevents condensation, a middle adhesive layer and a soft inner layer. These heat shrink covers feature the patented Vapor Corrosion Inhibitor (VCI) system which provides maximum protection from corrosion during transportation and storage.



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.

