

# Raychem Transit Vehicle Surface Heating (TVSH)

## DESCRIPTION AND PURPOSE

Transit Vehicle Surface Heat (TVSH) includes service-proven electric radiant heated panels designed to provide healthful, reliable, comfortable heat for passengers and operating personnel on rolling stock.

The heated panels and related controls provide a comfort level unsurpassed by traditional electric baseboard heating systems. When combined with the output of the vehicle HVAC system, TVSH optimizes temperature distribution and comfort.



## FEATURES

- Lightweight, strong composite structure
- Comfortable, healthful, energy efficient, space saving heat source
- Consistent thermal performance
- Zoned configurations

## BENEFITS

- Long-term reduced operating costs
- More space for passengers, handicapped access, bicycles, etc.
- Panels last the life of the car
- Provides even heat distribution eliminating hot and cold zones
- Targeted and diverse heating patterns for high and low loss areas within the vehicle
- Significant weight reduction translates to lower running costs
- Lower total cost of ownership (TCO)

## ELECTRICAL, MECHANICAL & ENVIRONMENTAL

Raychem TVSH meets all industry standards and regulatory requirements including IEEE 16, ASTM E 162, ASTM E 662, SMP 800C, BSS-7239 and many others.

## APPLICATIONS

Floors, walls, closets, bathroom surfaces and sleeping compartment surfaces in all types of mass transit vehicles including: rail transit vehicles, busses, electric-trolley buses, locomotives and baggage cars.



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