

# ThermaSeam™

Tank Insulation System



**The Heat Tracing Specialists®**

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The ThermaSeam tank insulation system, introduced by Thermon in 1992, was quickly accepted as a superior method for providing temperature conservation and condensate prevention. Tanks insulated using this system commonly contain petroleums, chemicals, asphalt, anhydrous ammonia, beverages and chilled water (for HVAC storage). ThermaSeam tank insulation systems are:

- Extremely durable
- Maintenance-free
- Aesthetically pleasing
- Cost-effective

The ThermaSeam system is unique in that scaffolding is not normally required for installation. A work cage attached to a nozzle or painter's lug permits the installer to travel around the tank with the seamer.



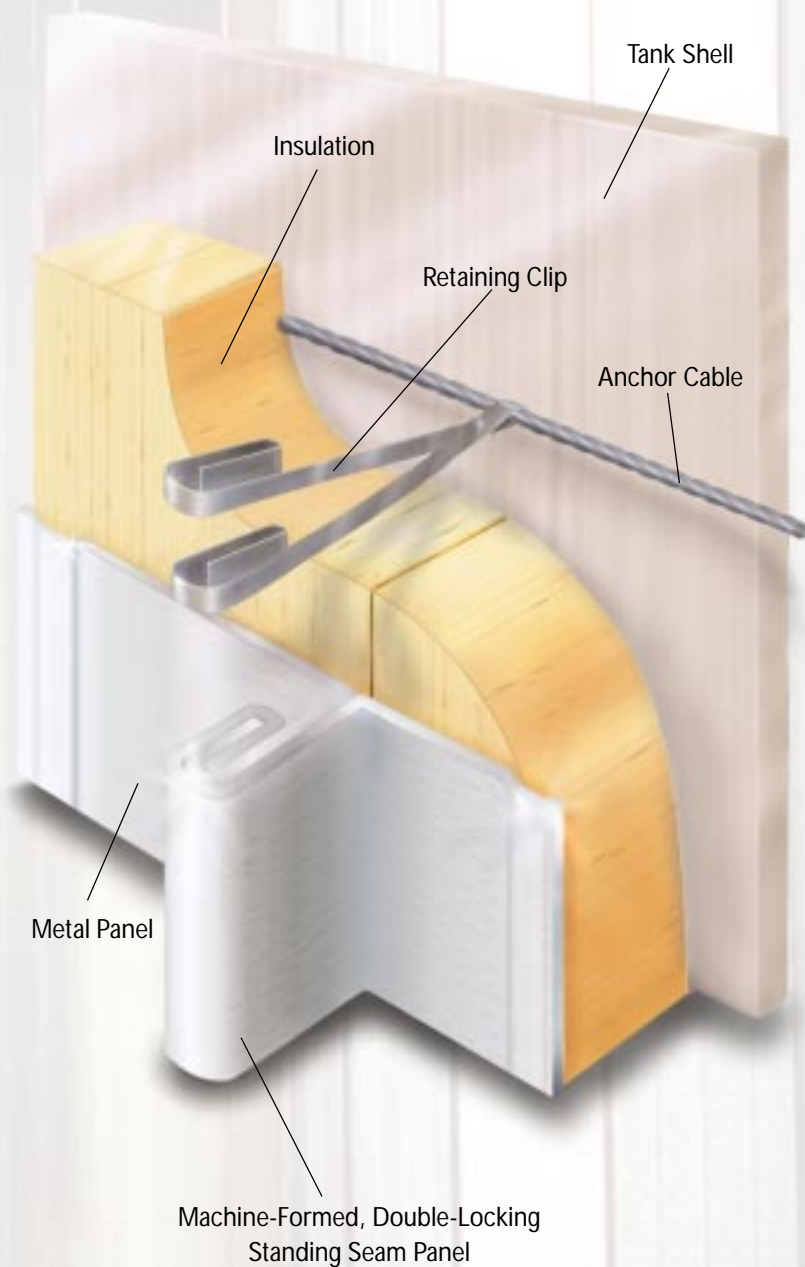
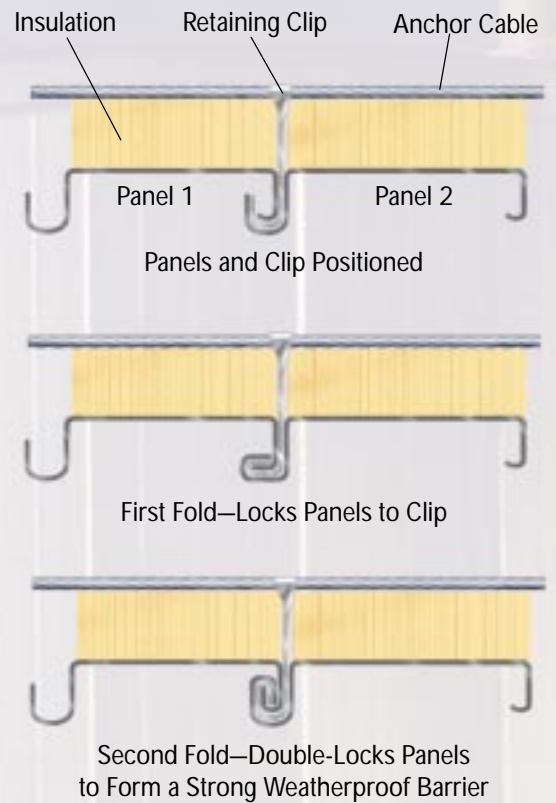
ThermaSeam panels installed radially on a tank roof provide a weatherproof surface.



Protrusions from the tank are tightly fitted and sealed.



The strength and durability of the system is derived from machine-formed, double-locking standing seams between adjacent panels. These seams provide a weatherproof barrier that extend the entire height of the tank and serve as the attachment point for securing the panels to the tank. Stainless steel retaining clips captured in the machine-formed seam are secured to steel cables wrapped around the perimeter of the tank. External banding, a traditional weak spot in the tank insulation process, is eliminated.



ThermaSeam manufacturing process located at Thermon's Houston, Texas, facility.



Machine used to form double-locking standing seam.



## Other Thermon Applications . . .

### Freeze Protection

Water or Water-Based Solutions  
Caustic Soda

### Temperature Maintenance

Hot Water Supply  
Fuel Oils  
Chemicals  
Asphalt  
Sulfur

### Condensate Prevention

Compressed Air Lines  
Gas Lines

### Surface Heating

Snow and Ice Melting  
Freezer Floors  
Cryogenic Tank Foundations

A complete range of steam and electric heat tracing products is available as well as TurnKey installation.



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