

Wakefield Thermal is part of the Thermal Solutions Segment within The Heico Companies LLC. As one of the world's leading complete end-to-end and vertically integrated thermal solutions companies, we have over 50 years of experience solving cooling challenges at the component, system, and facility level. Thanks to our in-house extrusion capabilities, Wakefield Thermal has the largest standard offering of heatsink extrusions in the country. Our multiple production facilities and global reach allow us the capability to deliver the highest quality solutions to our Power & Industrial partners.

# WAKEFIELD THERMAL



Year Founded  
**1957**

Manufacturing  
**500,000 SQ FEET**

Unique Customers  
**18,000**



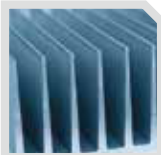
Nashua, NH



Pelham, NH | Withee, WI



Thermal Epoxy Bonding



In-House Thermal Extrusion



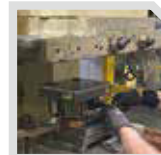
Liquid Cold Plates



Induction Soldering



US Domestic Aluminum Extrusion



35 Punch Presses



53 Million Pounds Annual Capacity



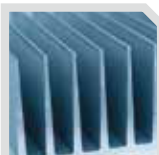
4 Aluminum Extrusion Presses



Dongguan, China



Uxbridge, MA



Machined Heatsinks



Anodizing



Friction Stir Welding



Skiving



Laser Cutting



Powder Coating

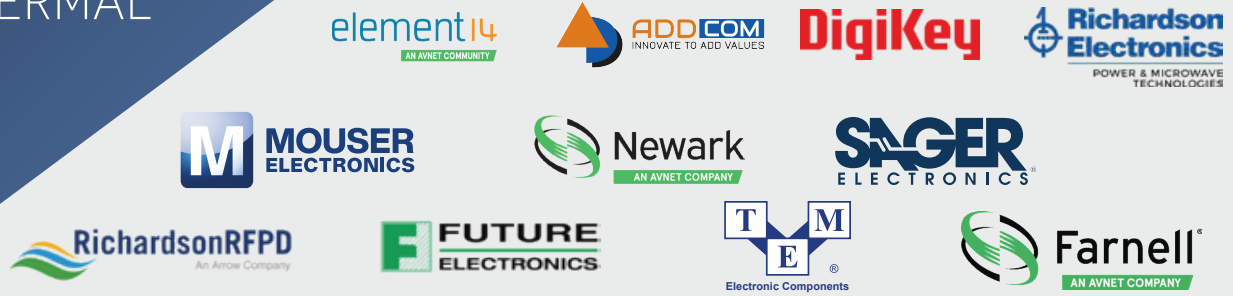


Robotic Welding



Enclosures/Boxes





### Natural Convection Heatsinks

- Thermal Extrusions
- Board Level & BGA
- LED Heatsinks
- Skived Fin Heatsinks
- Bonded Fin Heatsinks
- DC/DC Converters



### Liquid Cooling

- Rolled Tube & Plate
- Buried Tube
- Exposed Tube
- Vacuum Brazed
- Friction Stir Welded



### Two Phase Cooling

- Heat Pipes
- Heat Pipe Assemblies
- Vapor Chambers
- Vapor Chamber/Zipper Fin
- Thermoelectric Coolers (TECs)
- TEC Assemblies



### Coolvation Engineering

- Thermal Simulation
- Design Assistance



### Thermal Interface Material

- Thermal Grease
- Thermal Epoxy
- Gap Pads
- Phase Change
- Thermal Pads



## CONTACT US

Contact the TSS Coolvation Team for your Total Thermal Solution & Custom Design



### Our 5 Step Process

