



PEAK

Launching the Next Generation
of Manufacturing Technology

Fabrication

(Shaping, Welding & Subassembly)

Materials Supported:

PVC, CPVC, PVDF,
ABS, Nylon,
Polypropylene, Kynar,
and more

Welding Methods: Hot
gas, extrusion, fusion
(certified)

Max Part Size: Up to
72" L x 48" W x 30" D
(varies by process)

Leak Testing: In-house,
as required by
application



Overview

As products grow more complex and industries demand tighter integration, OEMs and innovators face a recurring problem: they need more than parts—they need pre-assembled, weld-ready, or fully shaped subcomponents delivered on spec and on time. Many manufacturers struggle to find a fabrication partner that can handle both structural shaping and certified plastic welding under one roof. For teams working in medical, semiconductor, and custom industrial applications, poor fabrication quality or fragmented vendor chains result in costly delays, misaligned fits, and performance risks.

Solution

Peak Technology provides certified plastic welding, complex part shaping, and subassembly fabrication services—all performed in-house for maximum quality control and precision. From pressure-rated tanks and enclosures to mechanically integrated subassemblies, our team works with advanced plastics, engineered resins, and non-metallic materials. By combining fabrication expertise with CNC machining, forming, and final assembly capabilities, Peak becomes a true integration partner—not just a vendor.

- **Certified Plastic Welding** – Skilled in welding materials like PVC, CPVC, PVDF, Kynar, Polypropylene, ABS, and more.
- **Custom Shaping & Forming** – Thermal bending and cold forming processes to match tight tolerances and complex geometries.
- **Leak Testing & Inspection** – In-house quality checks ensure all pressure or fluid-contact components meet performance requirements.
- **Subassembly Integration** – We fabricate, fit, and validate components for use in final systems.

Peak Technology Enterprises is a woman-owned precision manufacturing company based in San Jose, CA, offering **additive** and **subtractive** manufacturing, engineering support, system integration, and full assembly services. With over **60 years of experience** and **ISO 9001 certification**, Peak partners with **global OEMs** and innovators to deliver high-performance components and complex builds—on time, on spec, and on budget.

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