

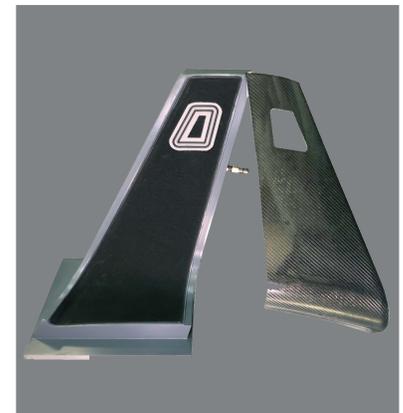
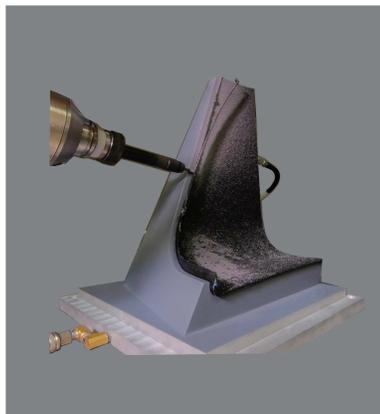
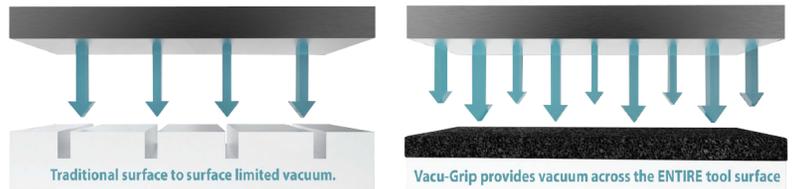


Technical Tooling's composite vacuum fixtures deliver reduced scrap rates through stronger holding force. Using its porous granular media, Vacu-Grip provides consistent contact area support while simultaneously pulling full vacuum across the greatest surface area of any tool on the market.

## Benefits

- Reduce part movement & chatter
- Reduce delamination & bruising
- Tolerance of +/- 0.003" or better
- Repairable and modifiable surface
- Eliminates need for clamps and holds
- 10 second part change over & tool change over
- Conforms to complex geometries
- Through holes/blind holes

2x the sheer strength over traditional vacuum tools



How it Works: Vacu-Grip begins in a malleable state and easily conforms to match any complex 3-dimensional geometry. It's packed into the desired fixture cavities to near net shape, instead of building with blocks of tooling board, wasting valuable material and machine time. Post-cured structural rigidity is commensurate with aluminum and machines easily to achieve final surface tolerances.

		4000 Series	8000 Series
Density	lbs/ft <sup>3</sup>	95	62.5
Coefficient of Thermal Expansion (CTE)	in/in/F°	5.5 × 10 <sup>-6</sup>	3.3 × 10 <sup>-6</sup>
Service Temperature	°F	Up to 350	Up to 350