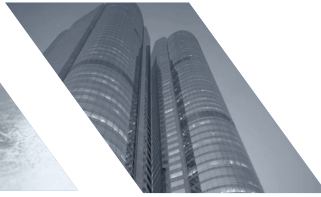




AEROVAC
COMPOSITES ONE



Soft Tooling Solutions

Aerospace, Automotive, Glass Lamination
and Other Industrial Markets

About Aerovac

Welcome to Aerovac, a major manufacturer, developer, and supplier of process materials, tooling, and services used in prepreg processing, vacuum infusion, glass lamination, and other industrial applications. As part of Composites One, North America's leading distributor of composites, we're uniquely positioned to provide customers with next-gen product and supply chain innovations that are stored locally, priced competitively, delivered on-time, every time, and supported by more than 100 technical product experts worldwide.

Innovative. Dependable. Results. That's Aerovac. The better way of doing business.

Innovative Tooling Solutions

The depth of Aerovac's tooling expertise is unparalleled in the industry. For more than 30 years, we've focused on innovating tooling materials and technologies that meet or exceed customers' needs, today and in the future. Through our proprietary design and engineering services, we also help customers take their tooling projects from initial concept through development, to prototyping and production. Aerovac offers a complete range of tooling solutions, categorized into 5 categories:

1. Vacuum bagging membranes, for compaction and curing
2. Vacuum tables
3. Inflatable membrane / bladder, molded in shape for hollow parts
4. Heater blankets in shape
5. Intensifier / caul plate

Why Silicone Tools?

- Increase efficiency and reliability
- Reduce labor cost and mold "utilization time"
- Optimize material flow
 - Improve process consistency
 - Increase part quality
 - Provide cost savings
 - Can be reused, reducing waste and environmental impact

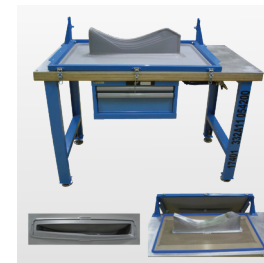
Silicone Tooling Solutions

Aerovac is recognized for offering one of the most advanced lines of reusable vacuum systems, manufacturing techniques and sealing systems in the industry.



Reusable membranes for high temperature autoclave applications

- Increase productivity, reduce operating costs and minimize waste
- Easily applied to complex forms, low and high volume production of quality parts
- Built durably, eliminating tearing during curing
- Suitable for autoclave curing
- Easy vacuum integrity



Autonomous Vacuum Table

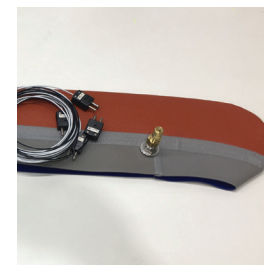
Integrated and stand alone system:

- Serial production
- Multi part shape possible
- Repairable
- Ease of mobility



Inflatable membrane / bladder

- Suitable for hollow parts
- Molded in shape
- Easy to remove
- Ensures uniform pressure distribution - enables inflation or transfer of autoclave pressure



Heated membrane / heater blanket

Flat mats and vacuum membranes for on-site repairs

- Can be molded to shape
- Self vacuum integrity (sealing skin or frame)
- Localized & autonomous heating solution, saving energy
- Ideal for repair or bonding applications



Intensifiers preventing compaction issues on parts with complex angular or concave features, where resin accumulation is possible.

- Transmit vacuum bag pressure evenly to localized, detailed areas on the part
- Can be made from silicone and/or fibrous carbon/epoxy reinforcements, providing rigidity and dimensional stability
- Molded in shape

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