

# Vactac

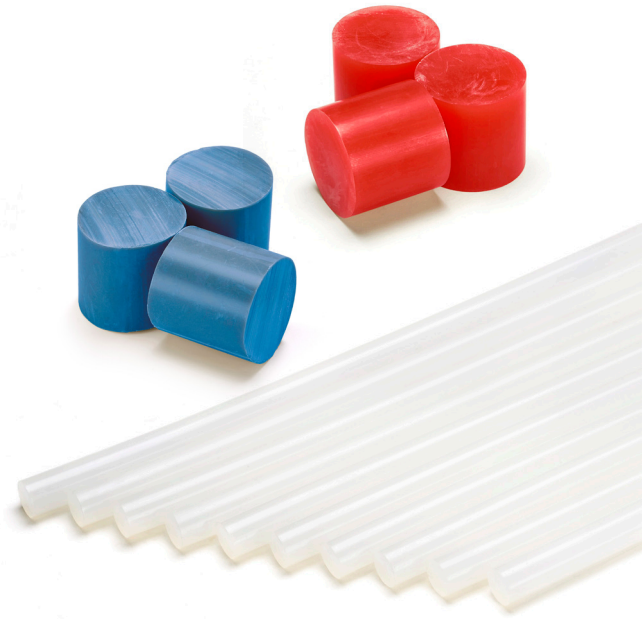


## Premium Positioning Adhesives for Vacuum Infusion

The Vactac system is a direct replacement to conventional solvent-based spray adhesives used for positioning reinforcement layers in the vacuum infusion process. VOC and solvent-free, the Vactac hot melt system makes the application and setting process more cost-effective, efficient and safer for users. Additionally, the Vactac system can improve the overall mechanical strength of a composite laminate in comparison to aerosol alternatives.

## Why Choose Vactac?

- **Longer working times** – After adhesive application, the adhesive will stay tacky for several minutes, facilitating the positioning and fixing of larger material sections.
- **Repositionability** – Even after initial grab, reinforcement materials can be moved and repositioned without losing the adhesive tack.
- **No Waste** – Unlike solvent-based adhesives, Vactac adhesives are 100% solid, with no solvents, which is more cost-effective and doesn't generate any waste.
- **Lower Costs** – With no solvent, there's no need to invest in respiratory PPE for operators, or safe disposal costs for used cans.
- **Environmental Benefits** – The VOC-free formulations mean our adhesives do not contribute to air pollution.



## How Vactac works

Vactac has been formulated to secure reinforcement fabrics, structural foams such as PVC, PET and balsa, peel plys and release films in the lay-up process – even in the largest structures.

Once attached, the materials are easily repositionable if required thanks to each adhesive's long open time, offering more flexibility. Only when the materials have been firmly pushed together is the final bond made.

Applied via a pneumatically assisted hot melt spray tool, the adhesive can be changed to a number of different patterns depending on the application. Each pattern, when set, allows matrix resin to flow through, leaving the final infusion completely unaffected.



# Adhesive Breakdown

Adhesive	Description
Vactac 200	General purpose, high output, good adhesion/tack.
Vactac 250	General purpose, high output, good adhesion/tack – pigmented.
Vactac 300	Excellent mechanical performance, clear to reduce print-through on gelcoat in infusion, RTM applications.
Vactac 350	Excellent mechanical performance, pigmented as a visual aid to ensure optimum coverage in infusion, RTM applications.
Vactac 740	15mm (5/8") stick used in applications such as kitting, fixing vacuum bags, tubing etc, short open time.
Vactac 780	15mm (5/8") stick used in applications such as kitting, fixing vacuum bags, tubing etc, long open time.

## Tec Applicators



### Tec 7300 CS

The next-generation composites tool, the Tec 7300 CS is a pneumatically assisted hot melt applicator engineered to maintain steady adhesive flow whilst having a fully adjustable output pattern for all bonding requirements. Works comfortably between 4 and 7 bars of pressure.

Melt Rate	5.25kg (11.5lbs)/hr
Temperature	195°C (383°F)
Power Source	Mains Powered

### Tec 808

The premium cordless bead applicator, the Tec 808-15 can be used with Vactac 740 and Vactac 780 for small fixings in the vacuum infusion process. The tool runs on the Ryobi\* 18V battery system, but is compatible with other market-leading brands with a choice of adapters.

Melt Rate	2.1kg (4.6lbs)/hr
Temperature	195°C (383°F)
Power Source	Battery Powered

\*Please note: "Ryobi®" is a registered trademark of Techtronic Cordless GP. The trademark owner and its brands have no association or affiliation with Power Adhesives or any Power Adhesives product.



# Vactac

## Vactac vs Aerosols

	Vactac	Aerosols
No Airborne Particles	✓	✗
100% Solid Content	✓	✗
No Waste Disposal Costs	✓	✗
No PPE or Air Extraction	✓	✗
Infinite Shelf Life	✓	✗

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