



# Vacuum Infusion Enabler

Clear and Red

- High strength, high temperature, solvent-based vacuum infusion enabler for industrial use
- Developed specifically to hold dry materials onto structural surfaces during vacuum infusion process
- InfuZene™ crosslinks with vinyl-ester, polyester and styrene resins, resulting in an integrated structure
- Safely fuses laminating materials to structural core surfaces
- Provides superior holding during forming process
- Allows resin to obtain maximum tensile shear strength
- Proven 30% stronger\* than leading alternatives

At Westech, our efforts are focused on producing high quality, industrial strength adhesives. We sell our products in a wide variety of markets at a competitive price. With a profound understanding of our customers' needs and years of industry experience, we continue to develop new products and applications to serve our current and future customers.

InfuZene™ is intended to be used exclusively for the assembly of fiberglass and foam cores, specifically to hold fiberglass in place while preparing for vacuum infusion with resins.

- Formulated to crosslink with the vinyl-polyester and styrene resin
- Forms a continuous matrix without weakness in the structure
- Suitable for use in any industry employing these materials and the vacuum infusion process

Westech's self contained, environmentally friendly, portable canister system was designed for ease of use. The canister, equipped with a reusable hose and gun, eliminates the need for air-assisted adhesive application systems. This approach significantly reduces worker set up and general maintenance time. Its portability enables you to apply adhesive in your facility as well as on the job site. This product is available in handheld aerosol cans, 9 lb., and 27 lb. canisters.

## Technical Data

Infuzene AV is formulated as a cross-linking vacuum infusion enabler for industrial use.

### Technical Data:

- Low VOC, contains No CFCs
- HAPs free (EPA's Hazardous Air Pollutants list)

### Performance Features:

- Formulated for rapid application
- Simple clean-up with Westech AR/CCAR adhesive remover
- Applies easily and adheres to a variety of substrates

### Safety Recommendations:

Vapors may be harmful to health. Keep away from children. Use only in well ventilated areas or use respiratory protection. The product MSDS should be read and understood before use. Eye protection is required. This product is flammable. Keep away from fire or flame.

## Independent Test Results

Test Results Lehigh University Composites Lab	Light Coverage		Double Coverage	
	@ 12.5 g/m <sup>2</sup>		@ 25 g/m <sup>2</sup>	
	MPa	psi	MPa	psi
InfuZene®	13.6	1973	11.4	1653
3M™ Super 77™	9.3	1349	4.4	638

InfuZene® Compared to 3M™ Super 77™	Light	Double
	Coverage	Coverage
	@ 12.5 g/m <sup>2</sup>	@ 25 g/m <sup>2</sup>
MPa Difference	+ 4.3	+ 7.0
MPa % Difference	+ 18.53%	+ 30.17%

Independent test conducted by Professor Joachim L. Grenstedt at the Lehigh University Composites Lab. Test based on ASTM 2344 short beam shear strength testing standards. Seven plates, each consisting of eight layers of Owens Corning Knytex® WR24-5x4 glass fiber woven roving, was made by vacuum infusion using Derakane® 8084 vinyl ester. The plates were postcured; water jet cut into 6.3 mm wide and 34.3 mm long specimens and tested to failure under three point bending.

## Polymeric Spray Adhesive

