

30+ Years of Fast Friendly Service

# Fitzgerald's

## RESTORATION PRODUCTS, INC.

# Windshield Repair

### Max Vac Kit UV24

The Max Vac UV24 contains everything needed to perform 24 high quality, professional repairs in a compact, portable case. This system is for businesses that already have a glass drill and do all their work in a repair shop.

#### Kit Contains:

- 1 Injector Assembly E/ with metal valve.
- 24 Adhesive Alignment Seals
- 24 Pedestals (Resin Chambers)
- 1 Bottle of UV Resin (12mil)
- 2 30in Hoses
- 1 Flow Regulator
- 1 Carbide Probe
- 1 UV Curing Lamp (battery operated w/ cigarette lighter connection).
- 1 UV Lamp Adapter
- 4 Penlight Batteries
- 24 Mylar squares for pit repairs
- 1 Bottle Pit Polish
- 1 Razor Blade & Holder
- 1 Instruction Manual
- 1 Carrying Case



Max Vac UV24

### Max Vac Kit UV24D

Comes with the same products as shown in the Max Vac UV24, except with a glass drill. The drill is used when the surface damage is not large enough for the resin to penetrate & also stops cracks from spreading. Drilling opens up air passages for star type breaks which contain spider cracks & creates a pit for the resin to flow freely into the damaged area.



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### Max Vac Deluxe Mobile

This system is made to accommodate businesses requiring equipment and supplies to handle higher volumes of windshield repair work and specialized glass services.

It includes 2 complete injector assemblies, a linear crack repair kit, as well as a pit polish kit.

#### Kit Contains:

- 2 Injector Assemblies
- 100 Adhesive Alignment Seals
- 100 Pedestals (Resin Chambers)
- 1 Bottle of UV Quick Cure Resin
- 3 Hoses (30 inches)
- 2 Flow Regulators
- 2 Protective UV Shield
- 1 Carbide Probe
- 1 UV Curing Shop Lamp (operates at 110 volts)
- 1 UV Curing Batter Lamp (operates with penlight batteries)
- 4 Penlight Batteries
- 1 UV Lamp Adaptor (connects to UV Lamp and cigarette lighter)
- 100 Mylar squares for pit repairs
- 2 Bottle Pit Polish
- 10 Razor blades
- 1 Drill (12,000 RPM)
- 1 Battery Connector
- 1 Mandrel with Pelt Polishing Tip
- 1 Polishing Tip Collet
- 8 Carbide Drill Bits
- 1 Mini Bulls-eye Maker
- 25 Crack Resin Applicators
- 1 Instructional Video
- 1 Windshield Temperature gauge
- 1 Instruction Manual
- 1 Tool Box



#### Re-Supply Pack

Ideal for use with any Max Vac system that uses the Super Vac assembly. This conventional re-supply pack comes equipped with all the components you need to complete 24 repairs.



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## RESTORATION PRODUCTS, INC.

### GR204 Thick Windshield Repair Resin

#### Description

GR204 Thick Windshield Repair Resin is a low viscosity optical grade ultraviolet light curing resin with excellent adhesion to glass. Bonds are resistant to moisture and common organic solvents. GR204 is color corrected and its extraordinary strength makes it an ideal product to use for long cracks where high vibration can be expected. Shelf life is one year when stored below 90° F out of sunlight & in original container.

#### Uncured Properties

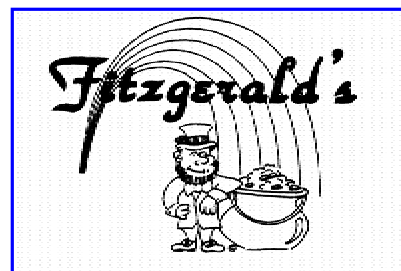
Composition Urethane oligomer/(Meth) acrylate monomer blend

Viscosity 60 cps

Cleanup Isopropyl Alcohol, chlorinated solvents

#### Cured Properties

Strength	Excellent
Moisture resistance	Excellent
Resistance to yellowing	Excellent
Refractive Index	1.52
Film Tensile strength	101000 psi
Adhesive Tensile on Glass	>11500 psi



#### Cure Data

2mil gap— full cure — 10-20 seconds @ 25mW/cm<sup>2</sup> intensity of 365 nm wavelength UV light.

#### Precautions

- Never look directly at any UV source.
- Wear protective UV goggles
- Avoid breathing vapors
- Avoid contact with skin, eyes, clothing & painted surfaces
- Store in a cool, dark place when not in use. DO NOT REFRIGERATE.
- Do not expose to UV light-source or sunlight.

The data contained in this bulletin is furnished for information purposes only & is believed to be reliable. We cannot assume responsibility for results obtained by others over whose methods we have no control.

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## RESTORATION PRODUCTS, INC.

### GR219 Thin Windshield Repair Resin

#### Description

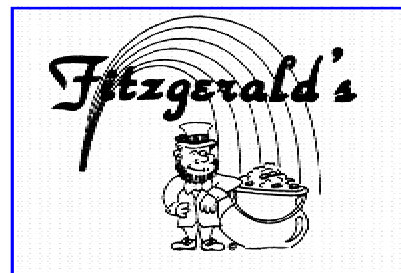
GR219 Thin Windshield Repair Resin is a very low viscosity optical grade ultraviolet light curing resin with excellent adhesion to glass. Bonds are resistant to moisture & common organic solvents. Product has a one year shelf life when stored below 90° F out of sunlight and in original container.

#### Uncured Properties

Composition	Urethane oligomer/(Meth) acrylate monomer blend
Viscosity	15-20 cps
Cleanup	Isopropyl Alcohol, chlorinated solvents

#### Cured Properties

Strength	Excellent
Moisture resistance	Superior
Resistance to yellowing	Superior
Refractive Index	1.519
Film Tensile strength	2,000 psi
Adhesive Tensile on Glass	>1,800 psi



#### Cure Data

2mil gap— full cure — 30-45 seconds @ 25mW/cm<sup>2</sup> intensity of 365 nanometer wavelength UV light.

#### Precautions

- Never look directly at any UV source.
- Wear protective UV goggles
- Avoid breathing vapors
- Avoid contact with skin, eyes, clothing & painted surfaces
- Store in a cool, dark place when not in use. DO NOT REFRIGERATE.
- Do not expose to UV light-source or sunlight.

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