

Overview:

Altraset® 520 is a single component UV cure liquid adhesive used to laminate glass-to-glass for decorative applications in architecture and sound deadening uses.

- One component, ready-to-use product
- Fast and consistent process
- Low operating costs

Pack Size:

Altraset® 520 is ideally available in

- 20 kg pack

Features and benefits:

- Excellent optical clarity
- cured with low intensity ultraviolet (UV) light
- transparent interlayer with excellent bond strength to glass

Specification:

Properties

1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	0.9
3.)	Viscosity Brookfield @ 25±2°C, Spindle no.2, Speed 50 rpm	:	5-15 cP
4.)	Operation Temperature	:	-30 to 120°C
5.)	Application	:	Lamination
6.)	Curing time (10 x 10 cm, 2.5 mm thick bond area)	:	20-30 min

Curing Source:

UV Light of Intensity = 10 mW/cm² and 365 nm Wavelength



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UV Cured adhesives

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Overview:

Altraset® 547 is a fast cure UV adhesive which bonds glass to glass and glass to metal components.

- Highly resistant to vibration and impact forces
- Used for rapid cure glass bonding applications.

Pack Size:

Altraset® 547 is ideally available in

- 100 gm, 500 gm and 1 kg pack

Features and benefits:

- Used to bond precision optical instruments, electronic devices, furniture and industrial devices
- Excellent optical clarity
- Rapid Bonding of Glass substrates possible.

Specification:

Properties

1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1.05
3.)	Viscosity Brookfield @ 25±2°C, Spindle no.2, Speed 50 rpm	:	2,000-5,000 cP
4.)	Operation Temperature	:	-30 to 150°C
5.)	Application	:	Bonding
6.)	Curing time (10 x 10 cm, 2.5 mm thick bond area)	:	20-30 min

Curing Source:

UV Light of Intensity = 10 mW/cm² and
365 nm Wavelength

Overview:

Altraset® 552 is a dual cure adhesive used to bond, coat and seal glass to glass, glass to metal components.

- Highly resistant to vibration and impact forces
- Used for rapid cure glass bonding applications.

Pack Size:

Altraset® 552 is ideally available in

- 100 gm, 500 gm and 1 Kg Pack

Features and benefits:

- In precision optical instruments, decorative components, furniture
- Unitizing electric appliances and devices.
- Suitable for bonding a wide range of materials.
- Potting and tacking applications

Properties

1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1.06
3.)	Viscosity Brookfield @ 25±2°C, Spindle no.2, Speed 50 rpm	:	7000 to 10000 cP
4.)	Operation Temperature	:	-30 to 150°C
5.)	Application		Bond, Coat or Seal
6.)	Fixture time (10X10cm Bond Area),	:	
	Glass to Glass		8-10 Seconds
	Aluminum to Glass		10-15 Seconds
	Steel to Glass		10-12 Seconds

Curing Source:

UV Light of Intensity = 10 mW/cm² and
365 nm Wavelength



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Overview:

Altraset® Liquid Photopolymer product is UV curing products ideally used for making (Polymer Rubber Stamp).

- This Liquid Photopolymer polymerizes into flexible and dimensionally stable plates when exposed to an Ultra violet light source.
- The compatibility of the plates is excellent with water and oil-based ink.

Pack Size:

Altraset® Liquid Photopolymer is ideally available in 1 L, 5 L, 20 L Pack

Features and benefits:

- It is specifically design for making Hand Stamp (Polymer Rubber Stamp).
- Environment friendly.
- Excellent resistance to Ozone, oxidation and abrasion.
- Commonly used for making flexographic plates for printing paper, corrugated box and making rubber stamp, making Printing Plates for Labels, Envelope Etc.

Properties

1.)	Appearance	:	Clear/Orange Red
2.)	Specific Gravity @ 25±2 °C	:	1.02
3.)	Viscosity Brookfield @ 25±2°C, Spindle no.2, Speed 50 rpm	:	15000-20000 cP
4.)	Temperature range	:	-40 to 120°C
5.)	Application		Flexography, Polymer Rubber Stamp



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UV Cured adhesives

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Overview:

Altraset® LV is a low viscosity, fast cure UV adhesive which bonds glass to glass, glass to metal components such as precision optical instruments, furniture and industrial devices.

- The product is solvent free
- Cured when exposed to ultraviolet lights ranging

Pack Size:

Altraset® LV is ideally available in

- 100 gm Pack

Features and benefits:

- Typically uses for rapid cure glass bonding applications for decorative components

Properties

1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1
3.)	Viscosity Brookfield @ 25±2°C, Spindle no.2, Speed 50 rpm	:	45-60 cP
4.)	Temperature range	:	-30 to 150°C
5.)	Application		Bonding
6.)	Fixture time (10X10cm), thickness 2.5 mm	:	
	Glass- glass microscope slides		60-70 secs
	Glass to steel		60-70 secs

Curing Source:

UV Light of Intensity = 10 mW/cm² and
365 nm Wavelength

Overview:

Altraset® MV is a fast cure UV adhesive which bonds glass to glass, glass to metal components such as precision optical instruments, electronic devices, furniture and industrial devices.

Pack Size:

Altraset® MV is ideally available in

- 20 gm and 100 gm pack size

Features and benefits:

- It is use for rapid cure glass bonding applications.
- When cured, it is highly resistant to vibration and impact forces.

Properties

1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1.04
3.)	Viscosity Brookfield @ 25±2°C, Spindle no.2, Speed 50 rpm	:	450-500 cP
4.)	Temperature range	:	-30 to 150°C
5.)	Application		Bonding
6.)	Fixture time (10X10cm), thickness	:	
	2.5 mm		
	Glass- glass microscope slides		8-9 secs
	Glass to steel		8-9 secs

Curing Source:

UV Light of Intensity = 10
mW/cm² and 365 nm Wavelength

Overview:

Altraset® 5400 is a fast cure, medium viscosity, thixotropic UV or Visible light cure adhesive which bonds glass to glass and glass to metal components. One component, ready-to-use product

- Fast and consistent processing

Pack Size:

Altraset® 5400 is ideally available in

- 100 gm Pack

Features and benefits:

- Used in electronics, electrical engineering and microelectronics
- Used in medical technology, optics and precision engineering
- Used in furniture and glass industries

Specification:

Properties

1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1.03
3.)	Viscosity Brookfield @ 25±2°C, Spindle no.6, Speed 100 rpm	:	7400±50 cP
4.)	Temperature range	:	-40 to 120°C
5.)	Refractive Index	:	1.49
6.)	Curing time (10X10cm), thickness 2.5 mm	:	5-6 sec

Curing Source:

UV Light of Intensity = 10 mW/cm² and
365 nm Wavelength