

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

Wavelength

Troperues		
Appearance	:	Clear
Specific Gravity @ 25±2 °C	:	0.9
Viscosity Brookfield @ 25±2°C, Spindle no.2,	:	5-15 cP
Speed 50 rpm		
Operation Temperature	:	-30 to 120°C
Application		Lamination
Curing time (10 x 10 cm, 2.5 mm thick bond area)	:	20-30 min
Curing Source:		
UV Light of Intensity = 10 mW/cm^2 and 365 nm		
	Appearance Specific Gravity @ 25±2 °C Viscosity Brookfield @ 25±2°C, Spindle no.2, Speed 50 rpm Operation Temperature Application Curing time (10 x 10 cm, 2.5 mm thick bond area) Curing Source:	Appearance : Specific Gravity @ 25±2 °C : Viscosity Brookfield @ 25±2°C, Spindle no.2, : Speed 50 rpm Operation Temperature : Application Curing time (10 x 10 cm, 2.5 mm thick bond area) : Curing Source:

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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:

	.		
1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1.05
3.)	Viscosity Brookfield @ 25±2°C, Spindle	:	2,000-5,000 cP
	no.2, Speed 50 rpm		
4.)	Operation Temperature	:	-30 to 150°C
5.)	Application		Bonding
6.)	Curing time (10 x 10 cm, 2.5 mm thick	:	20-30 min
	bond area)		
	Curing Source:		
	UV Light of Intensity = 10 mW/cm^2 and		
	365 nm Wavelength		

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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:

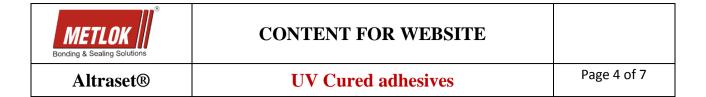
Altraset® 552 is ideally available in

> 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

1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1.06
3.)	Viscosity Brookfield @ 25±2°C, Spindle	:	7000 to 10000 cP
	no.2, Speed 50 rpm		
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/cm^2 and		
	365 nm Wavelength		



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.

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

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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:

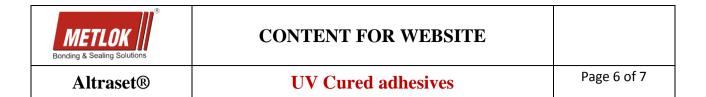
Altraset® LV is ideally available in

➤ 100 gm Pack

Features and benefits:

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

	-		
1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1
3.)	Viscosity Brookfield @ 25±2°C, Spindle	:	45-60 cP
	no.2, Speed 50 rpm		
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/cm^2 and		
	365 nm Wavelength		



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.

1.)	Appearance	:	Clear
2.)	Specific Gravity @ 25±2 °C	:	1.04
3.)	Viscosity Brookfield @ 25±2°C,	:	450-500 cP
	Spindle no.2, Speed 50 rpm		
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/cm ² and 365 nm Wavelength		

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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	:	7400±50 cP
	no.6, Speed 100 rpm		
4.)	Temperature range	:	-40 to 120°C
5.)	Refractive Index		1.49
6.)	Curing time (10X10cm), thickness 2.5	:	5-6 sec

Curing Source:

mm

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