

Light Cure Adhesives

- One-component, no-mix products that cure extremely fast for immediate QC in high volume assembly operations
- Excellent bond strengths to plastics and glass
- Bond-on-demand capability for unlimited repositioning
- Dual cure formulations for curing where light cannot reach



Your Application

CAN LIGHT REACH THE ENTIRE BOND-LINE THROUGH A TRANSPARENT SUBSTRATE?

Yes

What type of substrates are you using?

Highly Flexible Substrates

Transparent Glass Substrates

Bonding to Plasticized PVC

Bonding to Plastic

Bonding to Silicone

Bonded to Glass

Bonded to Metal

Low Viscosity

Medium Viscosity

Flowable

Paste

Medium Viscosity

High Viscosity

Solution

3107™

3974™

5056™

5050™

3494™

3525™

Chemistry	Acrylic	Acrylic	Silicone	Silicone	Acrylic	Acrylic
Viscosity (cP)	500	2,400	2,200	325 g/min.	5,500	15,000
Color	Clear/Straw/Translucent	Translucent/Colorless	Translucent	Translucent	Clear/Pale Straw	Clear/Pale Straw/Translucent
Cure Type	UV, Visible	UV, Visible	UV, Visible	UV	UV, Visible	UV, Visible
Fluorescent	Yes	Yes	No	No	No	Yes
Shear Strength (psi)	900 ¹	1,910 ²	440 ¹	N/A	2,440 ³	1,480 ³
Elongation at Break (%)	220	100	170	125	190	260

Product Description

LOCTITE® 3107™ Light Cure Adhesive

A low viscosity UV/visible light cure adhesive designed primarily for bonding heavily plasticized PVC. Flexible and fluorescent.

P/N Package Size
28466 1 liter bottle

LOCTITE® 3974™ Light Cure Adhesive

A medium viscosity highly flexible UV/visible light cure adhesive. Very soft when cured to accommodate varying material CTE's. Excellent resistance to thermal cycling and environmental exposure.

P/N Package Size
1135733 25 ml syringe
1135732 1 liter bottle

LOCTITE® 5056™ Silicone Adhesive Sealant

A self-leveling UV/visible light cure adhesive/sealant designed for bonding and sealing applications with highly flexible bond lines. Provides high adhesion to silicone substrates.

P/N Package Size
1214249 25 ml syringe
1214250 1 liter bottle
1214248* 15 liter pail

LOCTITE® 5050™ Fastgasket® Silicone Adhesive Sealant

A highly viscous cure-in-place UV light cure adhesive/sealant designed for gasketing, sealing and bonding applications with highly flexible bond lines. Provides high adhesion to silicone substrates.

P/N Package Size
1212166 300 ml cartridge
1212165 40 lb. pail

LOCTITE® 3494™ Light Cure Adhesive

A medium viscosity UV/visible light cure adhesive designed for bonding glass and other materials where resistance to humidity and water immersion is required.

P/N Package Size
30765 25 ml syringe
29487 1 liter bottle

LOCTITE® 3525™ Light Cure Adhesive

A high viscosity UV/visible light cure adhesive designed for bonding glass, metals and plastics with excellent flexibility, toughness and durability to moisture exposure.

P/N Package Size
30220 25 ml syringe
30221 1 liter bottle

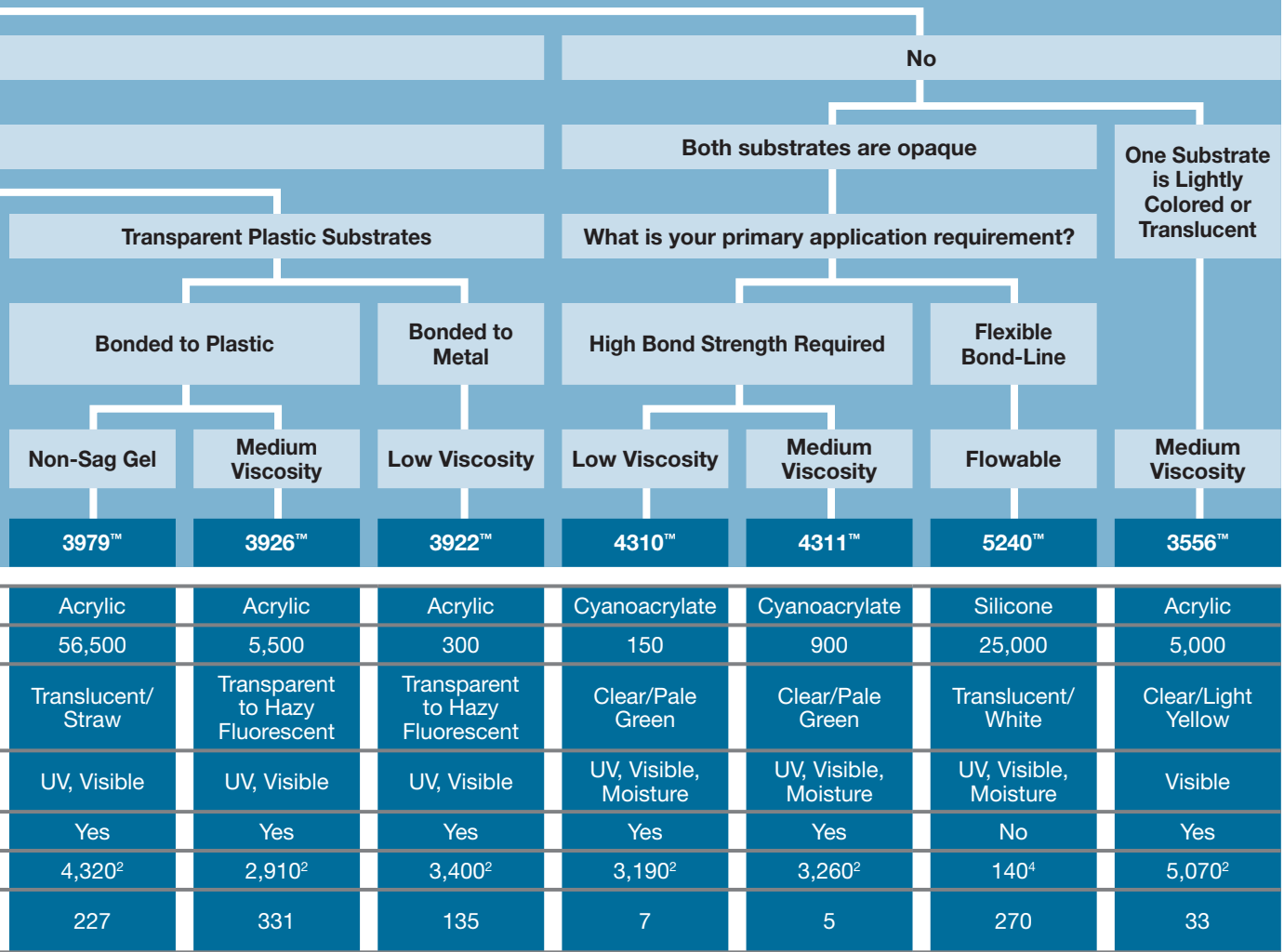
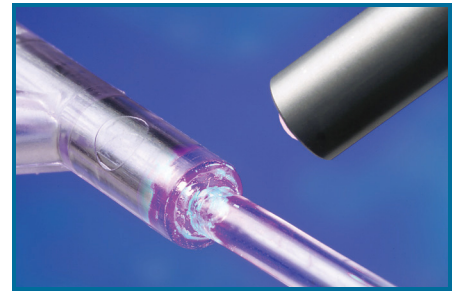
* Made-to-order item.

1 Polycarbonate to PVC.

2 Polycarbonate to polycarbonate.

3 Glass to steel.

4 PVC to glass.



LOCTITE® 3979™ Light Cure Adhesive

Gel, Fluoresces Red

A UV/visible light cure adhesive designed for bonding plastics and other materials that fluoresces red to distinguish it from blue fluorescing substrates. Non-sag gel eliminates dripping.

P/N Package Size
1402562 25 ml syringe
1402563 300 g cartridge

LOCTITE® 3926™ Light Cure Adhesive

A medium viscosity UV/visible light cure adhesive designed for bonding plastics, metals and glass with superior sterilization resistance and flexibility.

P/N Package Size
36492 25 ml syringe
36493 1 liter bottle

LOCTITE® 3922™ Light Cure Adhesive

A low viscosity UV/visible light cure adhesive designed for bonding plastics, metals and glass with superior sterilization resistance. Excellent adhesion to polycarbonate.

P/N Package Size
32083 25 ml syringe
32047* 1 liter bottle

LOCTITE® 4310™ Flashcure® Light Cure Adhesives

Dual Cure Instant Adhesive

A low viscosity UV/visible light and moisture cure adhesive designed for rapid curing of exposed adhesive as well as curing in shadowed areas where light does not reach.

P/N Package Size
1401792 1 oz. bottle
1401790 1 lb. bottle

LOCTITE® 4311™ Flashcure® Light Cure Adhesives

Dual Cure Instant Adhesive

A medium viscosity UV/visible light and moisture cure adhesive designed for rapid curing of exposed adhesive as well as curing in shadowed areas where light does not reach.

P/N Package Size
1401791 1 oz. bottle
1401789 1 lb. bottle

LOCTITE® 5240™ Nuva-Sil® Medical Device Sealant

Self-Leveling/Noncorrosive

A flowable UV/visible light and moisture curing adhesive designed for bonding and sealing applications with highly flexible bond lines. Forms a medium strength, flexible rubber sealant.

P/N Package Size
1010341 30 ml syringe
1010320 300 ml cartridge
1010343 40 lb. pail

LOCTITE® 3556™ Indigo® Visible Light Cure Adhesive

A medium viscosity UV/visible light cure adhesive designed for bonding lightly colored or translucent substrates with a large depth of cure. Suitable for bonding polycarbonate and other materials.

P/N Package Size
1072223 25 ml syringe
1072222 1 liter bottle