

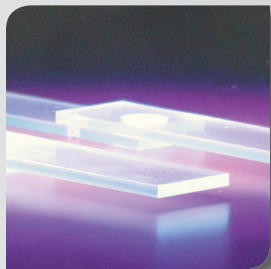


## Light Cure Adhesive Innovations from HENKEL

Strong & Durable Bonds



**High Strength  
& Durability**



**Low  
Viscosity**



**LED Curable  
(Fast & Tack-Free)**



**Highly  
Fluorescent**



To learn more about Henkel's newest light cure innovations visit [na.henkel-adhesives.com/medicaladhesives](http://na.henkel-adhesives.com/medicaladhesives) or call us at: 1.800.LOCTITE (562.8483)



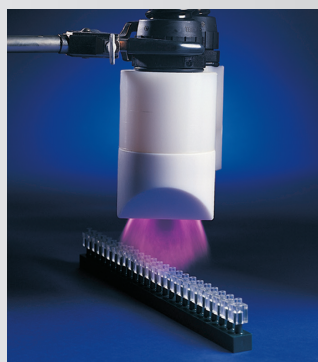


LOCTITE® AA 3961™ and AA 3963™ are the latest light cure innovations from HENKEL. They have been tested to Henkel's protocols based upon ISO-10993 biocompatibility standards, *with certificates available on request*. These medical device adhesives are ideally suited for the assembly of a variety of devices including but not limited to:

- Catheters
- Blood collection sets
- Syringes & lancets
- Drug delivery devices
- Anesthesia, epidural & insulin syringes
- Blood oxygenators
- Blood filters
- Heat exchangers
- Blood bowls
- Manifolds
- Blood pressure transducers

KEY PROPERTIES*	AA 3961™	AA 3963™
Viscosity (cP)	60	300
Appearance (uncured)	Clear, colorless	Clear, colorless
Fluorescence (uncured/cured)	High	High
Fixture Speed with 405 NM LED Curing System (secs)	< 5	< 5
Shear Strength on Polycarbonate Blocks (PSI)	3,000	3,400
Needle Pullout Strength on Polycarbonate Hubs & 27 Gauge SS Needle (lb-f)	36	33
Shore Hardness (Shore D)	71	72

\*Estimated values. Please consult the LOCTITE® TDS for additional data and details.



## SURFACE TREATMENT:

Polyolefins such as polyethylene (PE) and polypropylene (PP) are often used for disposable medical devices due to their low cost and versatile properties. Since PE and PP are difficult-to-bond plastics, it is common to treat the plastic before assembly to increase the pull strength. Corona, plasma and other pretreatment methods have been shown to increase bond strengths on difficult-to-bond materials when using LOCTITE® AA 3961™ or AA 3963™.

ORDERING INFORMATION	AA 3961™	AA 3963™
25 ml Syringe	2464890	2483476
1 Liter Bottle	2464891	2483477



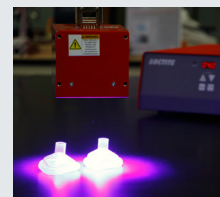
## USA

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Fax: 905.814.5391



## CURING

LOCTITE® AA 3961™ and AA 3963™ can be cured with UV or visible light. Henkel's newest LED curing units are ideally suited for rapid curing of select Henkel adhesives.

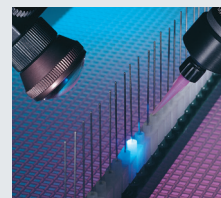


## DISPENSING

LOCTITE® AA 3961™ and AA 3963™ can be dispensed manually or with LOCTITE® semi-automated and fully automated systems.

See [www.equipment](http://www.equipment).

[LOCTITE.com](http://LOCTITE.com) for more details.



## DETECTION

LOCTITE® AA 3961™ and AA 3963™ contain fluorescent additives allowing for detection in the uncured or cured state. Detection can be accomplished with a simple black light or with vision systems

