

**LOCTITE**<sup>®</sup>



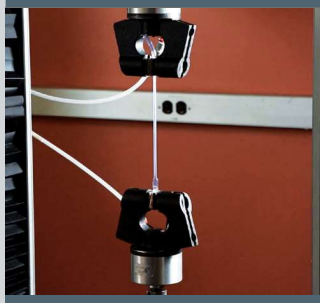
## Light Cure Adhesive Innovations from HENKEL

*Even More Flexible!*

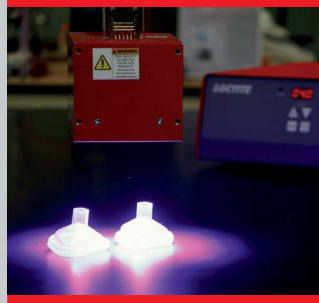
**HIGH BOND STRENGTHS  
ON FLEXIBLE SUBSTRATES**



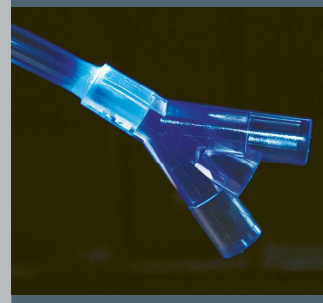
**HIGH ELONGATION**



**LED CURABLE**

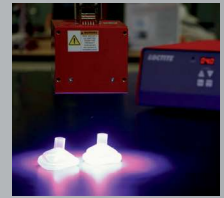


**HIGHLY FLUORESCENT**



To learn more about our Tough and Flexible Adhesives,  
go to [na.henkel-adhesives.com/medicaladhesives](http://na.henkel-adhesives.com/medicaladhesives)  
or call **1-800-LOCTITE**





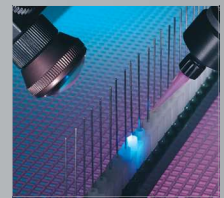
### CURING

LOCTITE® Tough & Flexible Adhesives 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® Tough & Flexible Light Cure Adhesives can be dispensed manually or with LOCTITE® semi-automated and fully automated systems. See [www.equipment.LOCTITE.com](http://www.equipment.LOCTITE.com) for more details.



### DETECTION

All LOCTITE® Tough & Flexible adhesives 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.

PRODUCT DATA <sup>^</sup>															
PRODUCTS	APPEARANCE	FLUORESCENT	VISCOSITY (cP)	MAX RECOMMENDED GAP	DEPTH OF CURE AFTER 10 SECONDS (D-BULB 100 mW/cm <sup>2</sup> )	FIXTURE SPEED (SEC.)	SHEAR STRENGTH ON POLYCARBONATE (PSI)	METAL BOND STRENGTH (PSI)	TENSILE STRENGTH FOR BULK ADHESIVE (PSI)	% ELONGATION	TENSILE MODULUS RIGIDITY (PSI)	TEMPERATURE PERFORMANCE	HUMIDITY RESISTANCE	HIGH ADHESION TO PLASTICIZED PVC	HIGH ADHESION TO SILICONE
<b>NEW</b> LOCTITE® 3951™	Colorless to Straw	YES	100	0.005" (0.1 mm)	0.08" (2 mm)	3	3,200	Medium	3,320	250	TBD	-65°F to 300°F (-54°C to 149°C)	Medium-High	YES	NO
<b>NEW</b> LOCTITE® 3953™	Colorless to Straw	YES	500	0.12" (3 mm)	0.08" (2 mm)	3	3,200	Medium	3,200	233	TBD	-65°F to 300°F (-54°C to 149°C)	Medium-High	YES	NO
LOCTITE® 3341™	Light Yellow	YES	500	0.08" (2 mm)	0.12" (3 mm)	5	>900	Medium	2,200	220	3,600	-65°F to 300°F (-54°C to 149°C)	Medium	YES	NO
LOCTITE® 3971™	Transparent Liquid	YES	300	0.12" (3 mm)	0.16" (4 mm)	5	3,200	High	3,700	93	95,000	-65°F to 300°F (-54°C to 149°C)	Medium-High	NO	NO
LOCTITE® 3972™	Transparent to Hazy Liquid	YES	4,000	0.16" (4 mm)	0.24" (6 mm)	5	1,190	Medium-High	3,370	88	66,750	-65°F to 300°F (-54°C to 149°C)	High	NO	NO
LOCTITE® 3974™	Translucent Colorless Liquid	YES	2,500	0.04" (1 mm)	0.08" (2 mm)	5	1,910	Low	2,280	100	4,880	-65°F to 300°F (-54°C to 149°C)	Medium-Low	NO	NO
LOCTITE® 4310™	Clear to Pale Green	YES	150	0.005" (0.1 mm)	0.08" (2 mm)	5	3,190	High	7,250	7.3	282,900	-65°F to 200°F (-54°C to 93°C)	High	YES	YES*
LOCTITE® 4311™	Clear to Pale Green	YES	900	0.008" (0.2 mm)	0.08" (2 mm)	5	3,260	High	7,250	5	269,700	-65°F to 200°F (-54°C to 93°C)	High	YES	YES*
LOCTITE® 4902FL™	Clear Colorless Liquid	YES	200	0.005" (0.1 mm)	Room Temp Cure Only	10-30	1,150	High	TBD	80	57,900	-65°F to 220°F (-54°C to 104°C)	Medium	YES	YES*

\* With the use of a cyanoacrylate primer.  
<sup>^</sup> Product data estimated. Consult Technical Data Sheet.

ORDERING INFORMATION	Cyanoacrylates		
	4310™	4311™	4902FL™
1 Ounce Bottle	1401792	1401791	2103947
1 Pound Bottle	1407190	1401789	2104199

ORDERING INFORMATION	UV / Visible Light Cure Acrylics					
	3341™	3951™	3953™	3971™	3972™	3974™
25 ML Syringe	237061	2298393	2298717	444350	423298	1135733
1 Liter Bottle	230199	2298394	2298718	444375	423299	1135732



### DIFFICULT BONDING APPLICATIONS

For difficult-to-bond substrates such as polyethylene and polypropylene, use LOCTITE® Primer 7701™ with LOCTITE® cyanoacrylate adhesives.

