



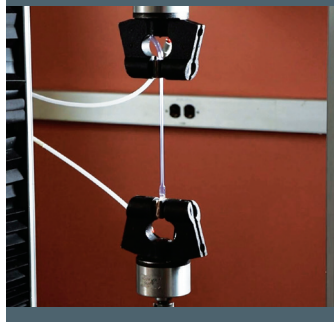
FLEXIBLE BONDING SOLUTIONS FOR MEDICAL DEVICE ASSEMBLY



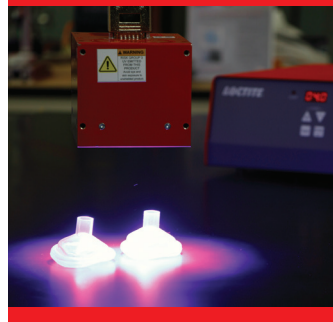
HIGH BOND STRENGTHS ON FLEXIBLE SUBSTRATES



HIGH ELONGATION



LED CURABLE



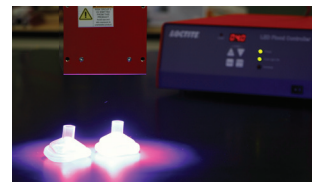
HIGHLY FLUORESCENT



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



Henkel Adhesive Technologies



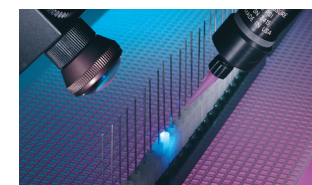
CURING

LOCTITE® Tough & Flexible Adhesives can be cured with UV or visible light. LOCTITE'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 next.henkel-adhesives.com/us/en/products/all-shoppable-products.html 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



DIFFICULT BONDING APPLICATIONS

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

PRODUCTS	PRODUCT DATA^														
	APPEARANCE	FLUORESCENT	VISCOSITY (cP)	MAX RECOMMENDED GAP	DEPTH OF CURE AFTER 10 SECONDS (D-BULB 100 mW/CM ²)	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
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
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.

[^] Product data estimated. Consult Technical Data Sheet.

ORDERING INFORMATION	Cyanoacrylates			ORDERING INFORMATION	UV / Visible Light Cure Acrylics					
	4310™	4311™	4902FL™		3341™	3951™	3953™	3971™	3972™	3974™
1 Ounce Bottle	1401792	1401791	2103947	25 ML Syringe	237061	2298393	2298717	444350	423298	1135733
1 Pound Bottle	1407190	1401789	2104199	1 Liter Bottle	230199	2298394	2298718	444375	423299	1135732

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