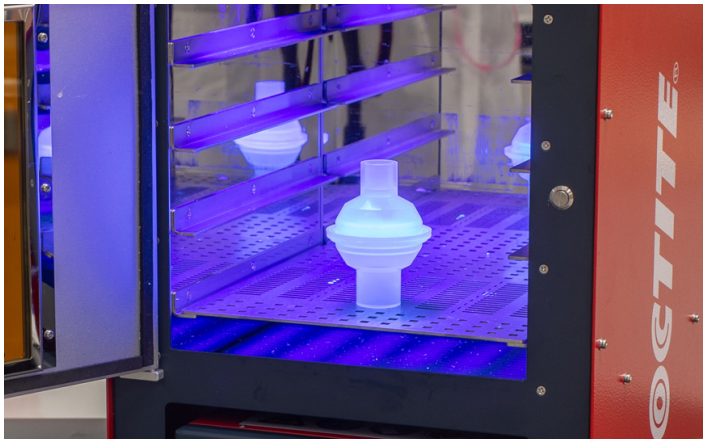


NEXT-GENERATION MEDICAL DEVICE LIGHT-CURE ADHESIVES

DESIGNED FOR HIGH-PERFORMANCE MEDICAL DEVICE ASSEMBLY

Henkel's next-generation light-cure adhesives, formulated in line with EU MDR[1] requirements for ED, CMR, and TPO, are designed to support medical device innovation while maintaining high-performance bonding.

The formulations deliver enhanced fluorescence stability throughout the shelf life and after curing, for consistent in-line visual inspection; and strength retention over accelerated aging testing, building upon the reliability of LOCTITE® legacy grades.



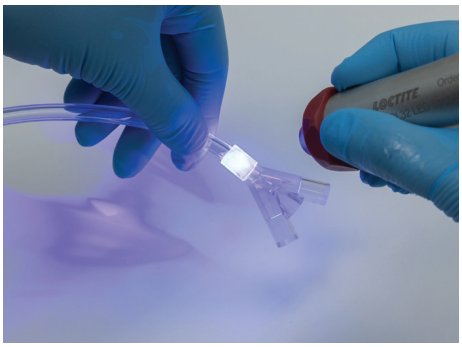
IMPROVED DURABILITY



LOW– TO MEDIUM-VISCOSITY



IMPROVED FLUORESCENCE



MEDICAL DEVICE LIGHT-CURE ADHESIVES



LOCTITE® Medical Device Light-Cure Adhesives are formulated in line with EU MDR[1] requirements for ED, CMR, and TPO. These adhesive compositions have been tested to Henkel protocols aligned with ISO 10993 biocompatibility including cytotoxicity, intracutaneous reactivity, hemolysis, muscle implantation, and systemic toxicity.

PRODUCT	VISCOSITY* mPa.s (cP)	KEY FEATURES	SHEAR STRENGTH ON PC* (N/mm^2)	PACKAGING	SIMILAR PRODUCTS FROM THE PREVIOUS GENERATION
LOCTITE AA 3914	150	FAST WICKING GRADE; SEMI-FLEXIBLE; BALANCED STRENGTH AND FLEXIBILITY	21.0	25ML, 1L, 15L	LOCTITE AA 3921 LOCTITE AA 3301
LOCTITE AA 3915	300	GENERAL PURPOSE GRADE; FAST-CURE; MEDIUM MODULUS; BALANCED STRENGTH AND FLEXIBILITY	26.2	25ML, 1L, 15L	LOCTITE AA 3922 LOCTITE AA 3311
LOCTITE AA 3917	3,500	HIGH-VISCOSITY; LARGER BOND GAPS; FAST-CURE; BALANCED STRENGTH AND FLEXIBILITY	25.3	25ML, 1L, 15L	LOCTITE AA 3926 LOCTITE AA 3321
LOCTITE AA 3937	9,000	FOR STRESS CRACKING SENSITIVE ASSEMBLIES; HIGH-VISCOSITY	8.4	25ML, 1L, 15L	LOCTITE AA 3936 LOCTITE AA 3211
LOCTITE AA 3964	350	HIGHER MODULUS; IDEAL FOR MORE RIGID ASSEMBLIES; GOOD SURFACE-CURE	16.5	25ML, 1L	LOCTITE AA 3963 LOCTITE AA 3941

*Please consult the LOCTITE Laboratory Data Sheet for additional product performance information.

PERFORMANCE HIGHLIGHTS

High Adhesion & Mechanical Strength

- Adhesion to plastic, elastomers, metals
- Balance of strength and elongation

Environmental & Aging Durability

- Improved strength retention over accelerated aging testing

Fast Curing

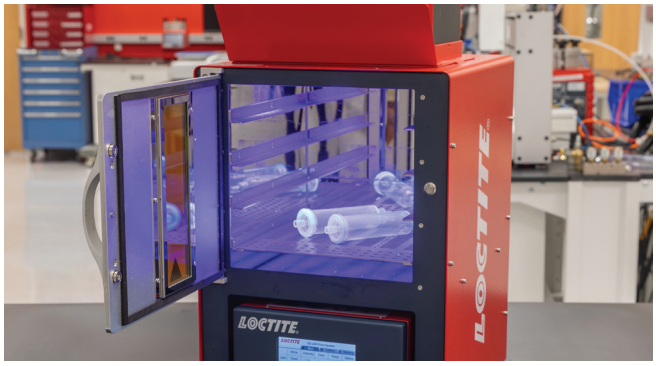
- Fast fixture and fast, full-cure with LED, e.g., 405 nm LED

Process-Friendly Design

- Compatible with LOCTITE LED equipment for rapid curing
- Dispensing options available include manual, semi-automated and fully automated systems

PRIMARY APPLICATIONS

- Needles & Syringes
- Medical Wearables
- Catheters & Tubings
- Enclosures & Housings



[1] EU MDR compliant in reference to Section 10.4 of EU MDR 2017/745; referring to the threshold of ED, CMR, TPO content; CMR = Carcinogenic, Mutagenic, or Reproductively hazardous ingredients, ED = Endocrine Disruptors, TPO = Trimethylbenzoyl Diphenylphosphine Oxide;
All information, including any statement that the product is "designed for" specific applications, is provided for guidance only. To ensure suitability for your application, we recommend that you carry out sufficient tests of your own.

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Discover more about medical device adhesive solutions.

Henkel

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