

NEW & IMPROVED INSTANT ADHESIVES FOR MEDICAL DEVICE ASSEMBLY

HELPING YOU WORK MORE SAFELY WITH ENHANCED PERFORMANCE

Introducing the next generation of Instant Adhesives for medical device assembly. LOCTITE® 4011S™ and LOCTITE 4061S™ have been formulated without materials of concern and have been upgraded for improved heat performance.



Biocompatible

Tested to Henkel's test protocols based on ISO 10993 biocompatibility standards



Durable

Maintains strength during and after heat cycling (up to 250°F/120°C)



Fast

Develops handling strength in seconds on most substrates



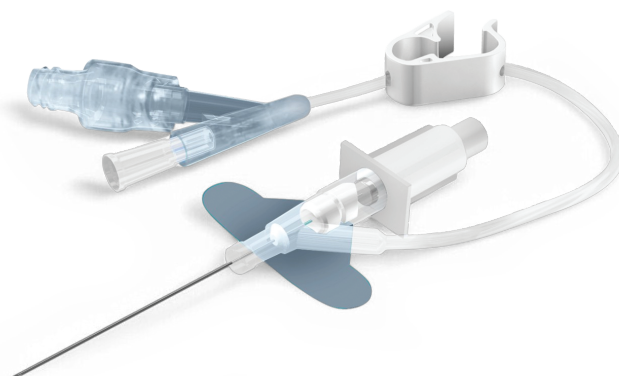
Diverse

High bond strength on a broad range of substrates, including hard-to-bond (with primer)



LOCTITE® 4011S™ & LOCTITE 4061S™

Instant Adhesives, including LOCTITE 4011S and LOCTITE 4061S, are commonly used for the assembly of a broad range of disposable and non-disposable medical devices. The rapid fixture speed, substrate versatility, biocompatibility, and now improved heat performance make these ideal solutions for the assembly of catheters, sutures, surgical tools, testing devices, and more.



KEY PERFORMANCE PROPERTIES*

FEATURES		LOCTITE 4011S	LOCTITE 4061S
UNCURED PROPERTIES	APPEARANCE	CLEAR	CLEAR
	VISCOSITY @ 77°F/25°C	70-110 mPa·s (cP)	15-25 mPa·s (cP)
FIXTURE SPEED (SECONDS)	PC	<5	10-20
	ABS	<5	<5
	PVC	<5	<5
	NITRILE	<5	<5
	STEEL	<5	20-45
	ALUMINUM	<5	<5
SHEAR STRENGTH (N/mm²)	PC (BLOCK)	11	13
	ABS (BLOCK)	23	24
	PHENOLIC (BLOCK)	21	14
	STEEL (LAP)	20	16
	ALUMINUM (LAP)	12	12
HOT STRENGTH (N/mm²) STEEL LAP SHEAR, TESTED AT TEMPERATURE	212°F/100°C	16	10
	248°F/120°C	13	8
	284°F/140°C	6	5
HEAT AGING (N/mm²) STEEL LAP SHEAR, AGED AT TEMPERATURE AND TESTED AT ROOM TEMPERATURE (72°F/22°C)	176°F/80°C	12	8
	212°F/100°C	10	8
	248°F/120°C	10	5

ORDERING INFORMATION

PRODUCT	SIZE	IDH
LOCTITE 4011S	20 G	2965780
	1 LB	2965779
LOCTITE 4061S	20 G	2970343
	1 LB	2970344

DISPENSING SOLUTIONS

A broad range of dispensing and motion control equipment is available and facilitates easy and precise application of LOCTITE adhesives.



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