

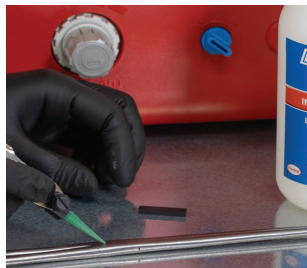


SAFER PRODUCTS WITH IMPROVED PERFORMANCE



Introducing the next generation of our flagship Medical-grade Cyanoacrylate based instant adhesives:

- Formulated without Carcinogenic, Mutagenic, or Reproductively hazardous (CMR) ingredients*
- Increased strength during and after heat cycling
- Designed to meet the specifications of LOCTITE 4011 and Loctite 4061 for easier validation on existing Medical applications



**CMR ingredients were not used in the formula, however, low level CMR impurities/byproducts may be present*

APPLICATIONS



Instant adhesives are a common assembly choice for various types of catheters. Since catheters can have contact with the body and/or bodily fluids, LOCTITE® 4011™ S and 4061™ S are ideal candidates for their assembly, helping to reduce the risk of patient exposure to materials of concern.

PACKAGE INFORMATION

Contact us for ordering information as it may vary by country.

	Package
LOCTITE® 4061™ S	20 grams
	1 lb
LOCTITE® 4011™ S	20 grams
	1 lb

KEY TECHNICAL PROPERTIES

Henkel's upgraded medical device instant adhesives offer:

- **IMPROVED SAFETY**— Formulated without known CMR ingredients chemicals (<0.01% by weight)
- **IMPROVED TEMPERATURE RESISTANCE** — Approximately 100% increase in shear strength compared to select current instant adhesives (tested on steel after 1000 hrs at 120°C)
- **SPEED** — Develops handling strength in seconds on most substrates
- **HIGH STRENGTH** — Provides high bond strength on a wide range of materials including plastics, rubbers, metals, and more
- **BIOCOMPATIBLE**— Tested to Henkel's protocols based on ISO 10993 biocompatibility standards

PERFORMANCE DATA		LOCTITE® 4061™ S	LOCTITE® 4011™ S
Uncured Properties	Appearance	Clear	Clear
	Viscosity @ 25°C	15-25 cP	70-110 cP
	Specific Gravity	1.1	1.1
Fixture Speed (seconds)	PC	10 - 20	<5
	ABS	<5	<5
	PVC	<5	<5
	Nitrile	<5	<5
	Steel	<10	<5
	Aluminum	<5	<5
Shear Strength (N/mm²)	PC (Block)	13.1	11
	ABS (Block)	23.7	23
	Phenolic (Block)	13.8	21.3
	Steel (Lap)	15.5	20
	Aluminum (Lap)	12	12.4
Hot Strength Steel Lap Shear (N/mm²), Tested at Temperature	100°C	10	16
	120°C	8	12.8
	140°C	5	6.4
Heat Aging, Steel Lap Shear (N/mm²), Aged 1000 hrs. & Tested at Room Temp	80°C	8	12
	100°C	7.8	10
	120°C	5	9.5
Chemical Resistance, Steel Lap Shear (N/mm²), Aged 1000 hrs. & Tested at Room Temp.	Water, 22°C	10.8	19
	Ethanol, 22°C	15.5	26
	Isopropanol, 22°C	18.6	24
	98% Humidity, 40°C	7	13

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