

# LOCTITE®



## Looking for Flexibility in Your Designs?

Introducing instant adhesives that deliver

- High flexibility
- High bond strengths
- Instant fixture speeds
- Fluorescence for detection



For more information call  
**1-800-LOCTITE (562-8483)**

**Henkel**



Henkel introduces the first cyanoacrylate adhesives that are truly flexible while maintaining rapid fixture speeds and high bond strengths.

- **HIGH FLEXIBILITY** — elongation greater than 30%
- **FLUORESCENCE** – detectable in the uncured and cured state
- **SPEED** — fixtures in seconds
- **HIGH STRENGTH** — bonds to plastics, rubbers, metals and more
- **ISO 10993 BIOCOMPATIBLE** — for the assembly of disposable medical devices

## Ordering Information:

	Package	IDH #
<b>LOCTITE® 4902™</b>	20 grams	1875841
	454 grams	1875842
<b>LOCTITE® 4902™ FL</b>	20 grams	2103947
	454 grams	2104199

For difficult-to-bond substrates such as polyethylene and polypropylene, use **LOCTITE® 770™** or **LOCTITE® 7701™** polyolefin primers.



PERFORMANCE DATA*	LOCTITE® 4902™	
	Clear	Clear, Fluorescent
Uncured Properties	Appearance	Clear
	Viscosity @ 25°C	150-250 cP
	Specific Gravity	1.03
Cured Properties	Elongation (%)	>30
	Modulus N/mm <sup>2</sup> (psi)	399.21 (57,900)
	Hardness (Shore D)	65
	Glass Transition (°C)	50
Fixture Speed (seconds)	PC	5-10
	ABS	5-10
	Acrylic	30-45
	Nitrile	20-45
	Steel	10-30
	Aluminum	≤20
Bond Strengths N/mm <sup>2</sup> (psi)	PC (Block Shear)	15.17 (2,200)
	ABS (Block Shear)	25.34 (3,675)
	Acrylic (Block Shear)	8.20 (1,190)
	Steel (Lap Shear)	12.03 (1,745)
	Aluminum (Lap Shear)	13.79 (2,000)
PVC Tube Pull Strengths newtons (lb)	PC Fitting	84.51 (19)
	ABS Fitting	75.62 (17)
	PVC Fitting	204.61 (46)
Temperature Resistance, Steel Lap Shear, 1,000 hrs. N/mm <sup>2</sup> (psi)	80°C	11.03 (1,600)
	100°C	7.86 (1,140)

\*Typical values. Refer to technical data sheet for further information.

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