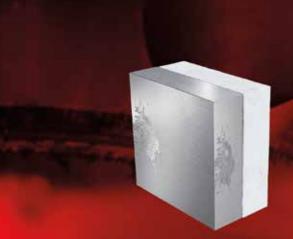


LOCTITE HY 4070 and LOCTITE HY 4090

Almost nothing they can't do.





PROBLEM

SOLUTION

Without Universal Bonders:
Multiple material assemblies can require
additional primers, more cure time and can
be susceptible to vibration, temperature
changes and humidity.

With Universal Bonders: Strong, durable, fast bonding of multiple materials is possible.

The most versatile adhesive.

In your toolbox.

Faster fixture. Faster repairs.





LOCTITE HY 4070

Universal Bonder, Ultra Fast Structural Adhesive

LOCTITE HY 4070 is a 2K, cyanoacrylate/acrylic hybrid gel adhesive that provides a fast fixture at room temperature in gaps up to 5 mm. It suits various substrates including most plastics, rubbers and metals. It is used where complete cure of excess adhesive, as well as temperature and moisture resistance, is required.

Benefits:

- · Fast Curing Speed
- · Good gap filling capabilities
- Sag resistant
- Improved Health and Safety versus other adhesive technologies



Fixture time:

<60 sec where gaps are <0.1mm.



Strength:

25 N/mm²



Substrate:

Most plastics, rubbers, metals and wood



LOCTITE 96001 50 ml Dual Cartridge Manual Handgun

IDH 267452

NOZZLES

11 g

IDH 1453183

45 g

IDH 1509102

(Does not require additional dispenser)

os not roquiro

Please refer to page 130 for additional equipment/information.





UNIVERSAL BONDERS

Product	Pack Size	Colour	Features	Gap Fill	Viscosity (mPa•s)	Mix Ratio	Temperature Range	Fixture Time	Lap Shear Strength, GBMS
LOCTITE HY 4090	50 ml, 400 ml	Off-white to light yellow	Multi-material bonder, fast fixture, good environmental resistance	5 mm	Gel	1:1	-40 to +150 °C	<3 minutes. 0.05 mm gap	17 N/mm²

Fast curing adhesives.

For industrial design solutions.

Create strong and reliable bonds with LOCTITE HY 4090.





LOCTITE HY 4090

Universal Bonder, Fast & Versatile Structural Adhesive

LOCTITE HY 4090 is an off-white to light yellow gel with high viscosity. It opens up new application areas in structural bonding by combining instant adhesive properties with those of epoxies to give additional benefits:

- Fixture time of <3 minutes and suitable for gaps up to 5 mm
- Improved Health and Safety benefits versus epoxies
- Moisture and environment resistant



Fixture time:

<3 minutes.



Strength:

17 N/mm²



Substrate:

Most plastics, rubbers, metals and wood



DISPENSERS

LOCTITE 96001 50 ml Dual Cartridge Manual Handgun

IDH 267452

LOCTITE 97042 50 ml Dual Cartridge Pneumatic Handgun

IDH 476898

LOCTITE EQ HD14 400 ml Dual Cartridge Pneumatic Dispenser

IDH 2693825

NOZZLES

50 ml

IDH 1826921

400 ml

IDH 1573135

Please refer to page 130 for additional equipment/information.

