

# LOCTITE HY 4070™ UNIVERSAL BONDER. ALMOST NOTHING IT CAN'T REPAIR. THE MOST VERSATILE REPAIR BONDER AVAILABLE.

## THE PROBLEM

How do you reduce downtime when you never quite know what repair is next or what materials will be involved? Traditional repair adhesives are just not fast or versatile enough to help:

- Only bond certain materials
- Take too long to fixture and cure
- Have low strength
- Susceptible to chemicals, temperature extremes, impact or vibration

## THE LOCTITE® SOLUTION

HY 4070™ can solve all of those problems. It's the universal bonder that can repair almost anything you need in your plant:

- Bonds to most material
- Fixtures in less than 60 seconds
- High strength
- Good resistance to chemicals, temperature extremes, impact or vibration
- Ability to bond through gap



## HY 4070™ BENEFITS:



### 1. Multi-Material Bonding:

Some adhesives work fine when materials are similar. But none can match the substrate versatility of HY 4070™. Metal to metal. Metal to plastic. Metal to rubber. Plastic to plastic. You name it, HY 4070™ can bond it, faster and better than 5-minute epoxies.



## 2. Fast Fixture and Cure:

The longer an adhesive takes to cure, the longer your plant's downtime. HY 4070™ fixtures in less than 60 seconds and reaches 50% of full handling strength within 30 minutes – much faster than 5-minute epoxies, with a gap-fill capability up to 5 mm.



## 3. Strong, Durable Bond:

HY 4070™ makes repairs that are fast, easy and durable. It has good resistance to humidity, chemicals, impact and vibration for long lasting, reliable repairs. Without the safety concerns often associated with other types of repair materials.

LOCTITE® HY 4070™												
Product	Item Number	Pack	Color / Viscosity	Mix Ratio	Fixture Time	Working Time	Lap Shear Strength* (N/mm <sup>2</sup> )				Gap Fill	Temperature Resistance
							Steel (Grit Blasted)	Aluminum (etched)	Polycarbonate	Nitrile		
HY 4070™	2264448	10 ml	Slightly cloudy to light yellow gel	10:1	<1 min.	3-4 min.	24-26	22-24	**	**	Up to 5 mm depending on bond geometry	120°C/250°F

\*ISO 4587, After 22 hours, 22°C/72°F

\*\*Bond exceeded strength of substrate

Contact your Henkel Representative for Technical Data Sheet



LOCTITE's line of universal bonders have been engineered for substrate versatility, fast cure times and performance. They can bond almost anything, bond quickly, and hold up under conditions that can make other adhesives fail.

And when bonders can do all that, there's almost nothing they can't do.

**LEARN MORE ABOUT LOCTITE® UNIVERSAL BONDERS AND HY 4070™ AT: [limitless-bonding.com](http://limitless-bonding.com)**

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