

## What Adhesive Should I Use on Magnet?



Motor, speaker or other manufacturers who use magnet always need adhesive as well. We often meet customers consult adhesive for permanent magnet at work.

### Questions like:

- What adhesive should I use on neodymium magnets?
- Best adhesive for permanent magnets?
- Best glue or method for attaching rare earth magnets?

### First, you need to know your magnet well.

1. If too strong magnetic force, to make a hole on magnet for easy fixation
2. The surface of Ni coating is very slippy, if possible, get them rough enough.
3. Coating Zn is better for adhesive
4. What is max. working temperature for magnet? Different grades have different working temperature range. Magnet will demagnetize if too high working temperature

### Second, to choose a type of adhesive, you should pay more attention to the application environment.

Different adhesive, the application is different based on different temperature, humidity, oil condition and so on. You need to tell adhesive professional all details and ask them to recommend the best for you.

### The adhesive we have used:

- Epoxy adhesive
- Acrylic resin AB glue
- Gorilla Glue (Urethane acrylate resin)

Many Loctite adhesives can be used on magnet. Please find information below



#### LOCTITE® Magnet Bonding Structural

**Adhesives** - for the fastest, most durable bond strengths on ferrite, alnico and neodymium iron boron permanent magnets.

#### Benefits:

1. Ability to use lower cost components
2. Decreased inventory cost
3. Easier to automate
4. Will not chip magnets
5. Prevent corrosion
6. Acid-free
7. Higher impact strength
8. Higher temperature resistance
9. Lower odor

Sometimes, people will use countersunk magnet or pot magnet to fix magnet into other parts by screw.



## Contact Information

### China Magnets Source Material Ltd.

Tower B, Qiongzhu Building, Huawang Rd,  
LongHua District, Shenzhen, China 518109

Telephone: +86 755 28174720

Fax: +86 755 28174720

Email: [sales@china-magnets-source-material.com](mailto:sales@china-magnets-source-material.com)

Website: [www.china-magnets-source-material.com](http://www.china-magnets-source-material.com)