Permabond®
Engineering Adhesives

SPEAKER BONDING ADHESIVE SOLUTIONS



From the small speakers in a toy to mid sized electronic speakers to the largest stage speakers, Permabond works with you to ensure that the best adhesive is selected for optimum performance.

A global team of technical, sales, and distribution professionals are specially trained to ensure they can assist you in selecting the most appropriate standard or custom formulated product for your unique application. Our team looks forward to hearing from you.

Applications that appear the same on the surface, such as speakers and microphones, often have vastly different requirements in their underlying design and construction.

For example:

1. Permabond cyanoacrylates are used to instantly bond the small magnets in headsets.
2. Permabond ET510 is the preferred choice for consumer electronics, like cell phones, due to its durable strength.
3. Permabond UV light curables meet the production requirements of fire alarm speakers where the 'cure on demand' aspect of UV light curables allows high speed production.
4. Permabond TA4590 is ideal for the harsh demands of bonding the magnets in loudspeakers.





IDEAL FOR BONDING:

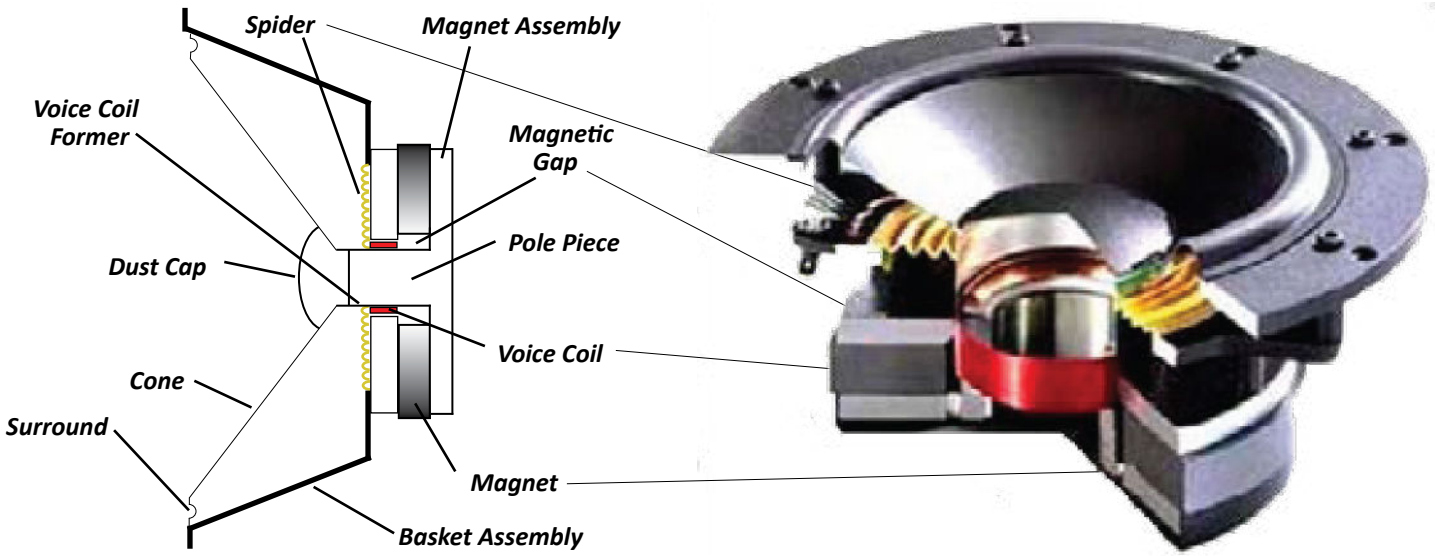
- ABS
- Acrylic
- Aluminum
- Carbon Fiber
- Composite
- EPDM
- FRP/GRP
- Ferrite
- Glass
- Laminate
- Leather
- Nylon
- Phenolic
- Polycarbonate
- Polypropylene*
- Polyethylene*
- Polystyrene
- PVC
- Rubber
- Steel
- Titanium
- Zinc

...and many more!

*Specific grades only

SPEAKER BONDING ADHESIVES

The table below includes Permabond adhesives and sealants that are commonly used for the listed application. Depending on your application requirements a different Permabond solution may be more suitable to your needs. Please contact Permabond. Permabond's technical team would be more than happy to help with your adhesive selection.



Typical Product	Application Description	Features
2011	Basket Assembly to Surround	Thixotropic gel; High strength bonding for this vertical application.
737 & 735	Surround to Cone	Flexible, black, & toughened. Use Permabond 737 for larger gap filling.
737 & 735	Cone to Spider	Permabond 737 is flexible & toughened.
2011 & 737	Dust Cap to Cone	Permabond 2011 is non sag for vertical applications.
TA4590 & TA437	Pole Piece to Magnet Assembly	Fast, high strength, high temperature resistant bonds.
ET510, 737 & 735	Voice Coil to Cone	Flexible, toughened bonds. Product selection based on substrate.
UV645 & UV649	Cable/wire to Cone	Clear, cure-on-demand bonding. Use Permabond UV649 for larger gaps and vertical applications.

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The information given and the recommendations made herein are based on our experience and are believed to be accurate. No guarantee as to, or responsibility for, their accuracy can be given or accepted, however, and no statement herein is to be treated as a representation or warranty. In every case we urge and recommend that purchasers, before using any product, make their own tests to determine, to their own satisfaction, its suitability for their particular purposes under their own operating conditions. Always refer to current product technical datasheet for most recent and accurate technical information.