



**Kisling**

Kisling has an extensive range of adhesives that fully meet the requirements of the loudspeaker industry. Our development department reacts quickly and competently to new requirements and material combinations with modifications or new developments. This makes Kisling an ideal partner for every loudspeaker manufacturer.

## Excellence in Adhesive, Sealant and Encapsulant Manufacturing

### YOUR BENEFITS

- + Process consulting and on-site support
- + Customised product development
- + Label free products
- + CMR free products
- + Odorless acrylates
- + Direct supply

### OUR MARKETS

- + Lightweight / Composites
- + E-Mobility / Electric Motors
- + Electronics
- + Fluid Technology
- + Bus, Truck & Rail (BTR)/ Automotive
- + Loudspeaker
- + Maintenance, Repair & Overhaul (MRO)

### OUR PRODUCT RANGE

- + Adhesives and sealants:
  - (Meth)Acrylic structural adhesives
  - Epoxy structural adhesives
  - Anaerobic adhesives
  - Cyanacrylate instant adhesives
  - Silicones
- + Encapsulants:
  - Polyurethane
  - Epoxy

Kisling AG | Motorenstrasse 102 | CH-8620 Wetzikon  
Tel +41 58 272 01 01 | [info@kisling.com](mailto:info@kisling.com) | [www.kisling.com](http://www.kisling.com)

Kisling Deutschland GmbH | Salzstraße 15 | DE-74676 Niedernhall  
Mailaddress: Waldstraße 15 | DE-71139 Ehningen  
Tel +49 7940 50961 61 | [info@kisling.com](mailto:info@kisling.com) | [www.kisling.com](http://www.kisling.com)

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## Adhesives for Loudspeakers



**BONDING +  
SEALING +  
ENCAPSULATION**

**Kisling**

MEMBER OF THE WÜRTH GROUP



BONDING + SEALING + ENCAPSULATION  
LOUDSPEAKERS

# Application Areas, Key Products & Success Stories

## Application Areas & Key Products



Bonding of pole plate, ferrite ring, front plate and basket



Bonding of damping with voice coil



More bonding areas



Bonding of dust cap with membrane

### METHACRYLATE

1307

medium viscosity, fast curing, impact resistant, low odour

1315

very fast curing, high strength, low odour

1320

fast curing, high strength, low odour

1810

non-sag, high impact resistance, low odour, good bonding to metal, ferrite, glass, ceramic

### CYANOACRYLATE

5011

Universal, for «surface-insensitive»

5713

medium viscosity, especially for porous materials

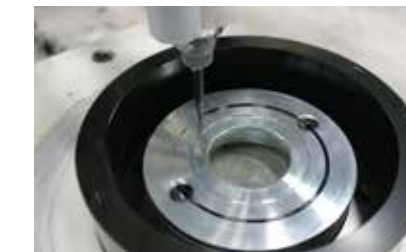
5880

black, medium viscosity, water and temperature resistant, impact resistant

5923

medium to high viscosity, low odour

## Success Stories & Customer Benefits



Project: Bonding of magnets

Product: 1320

Benefit: Mixing ratio 1:1 - safe for automatic dosing



Project: Bonding of damping with voice coil and membrane

Product: 1307

Benefit: 30 % gain in time by fast strength build-up after pot life



Project: Bonding of rubber gasket

Product: 5923

Benefit: Suitable for porous materials, no whitening, no post-processing

### KISLING

+ Manufacturer of adhesives, sealants and encapsulants  
+ > 50 employees worldwide  
+ > 40 distributors in more than 25 countries

+ Revenue 2020: 20 Mio. CHF  
+ > 200 products  
+ Swiss-made