

FROM *IMAGING* TO FUTURE READY APPLICATIONS

Material Solutions for Camera Module & Sensor Assembly



A More Connected World

Application proliferation from smartphone to XR, smart home IoTs, automotive and much more.

Material innovation enabling design & technology evolution

- Miniaturization & new form factor
- Safety & sustainability



Evolution in Interaction

Enabling AI driven new HMI, from human vision to machine sensing.

Material innovation enabling design & technology evolution

- Machine vision imaging capability
- Structure complexity



Imaging That Matters

Accelerated technology diversification toward even better imaging capability.

Material innovation enabling design & technology evolution

- Imaging capability upgrade & structure complexity
- Processibility improvement

Camera and sensor functionality and reliability are increasingly critical and highly interdependent, making advanced materials a vital solution.



Henkel offers the most robust total solution portfolio to respond to all aspects of camera module & sensor assemblies.

Henkel portfolio delivering the whole picture

- ✓ Active Alignment (UV + thermal cure)
- ✓ Housing Assembly / VCM Assembly (thermal cure)
- ✓ Electrically Conductive Adhesives (ECA)
- ✓ Die Attach
- ✓ Non-Conductive Die Attach Film (ncDAF)
- ✓ Underfill
- ✓ Lens Attach
- ✓ Flexible printed circuit (FPC) reinforcement
- ✓ Bracket Fill
- ✓ Thermal Interface Materials (TIM)

Ready to bring your new camera module designs into focus with Henkel adhesives? Connect with our team.

For more information, visit us at henkel.com/electronics



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