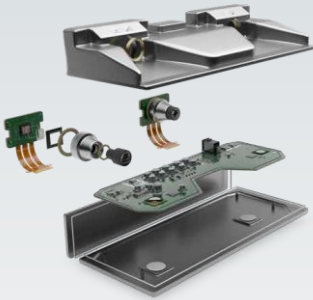


Henkel Solutions for Autonomous Driving

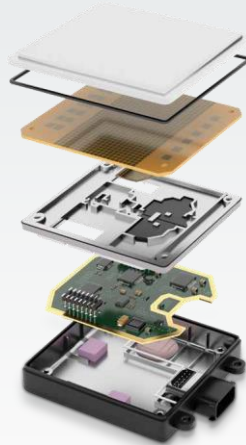
CAMERA



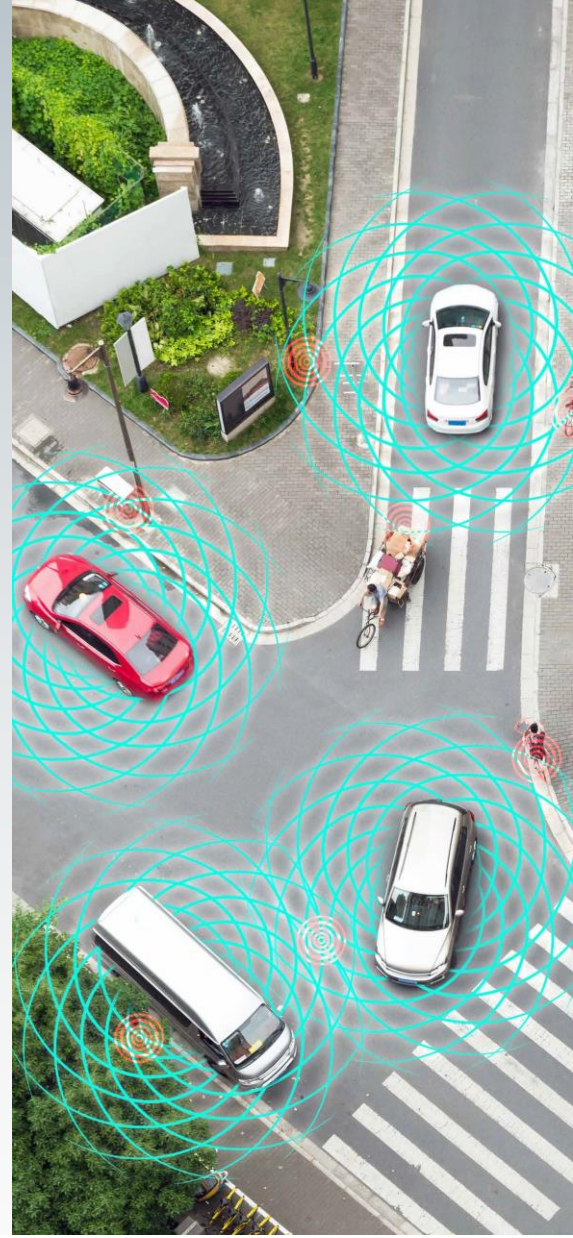
DATA MODULE



RADAR



DISPLAY



BERGQUIST LIQUI FORM TLF 3500CGEL

3.5 W/mK, one-component, cure-in-place liquid thermal interface material built on a reactive silicone chemistry platform

KEY PERFORMANCE FEATURES

- » Innovative one-component cure-in-place application
- » Enhanced vertical gap stability and high thermal conductivity
- » Versatile dispensing consistency with low assembly stress for high volume manufacturing
- » Eliminates cracking and pump-out for improved long-term reliability

Leverage Henkel's broad technology portfolio and application know-how to strengthen your ADAS & electronics applications.





BERGQUIST LIQUI FORM TLF 3500CGEL

Key Benefits

- » Low assembly stress **eliminating component damage & failure during assembly**
- » Excellent vertical gap stability for **long-term reliability & performance**
- » Ease of dispensing with high shot consistency for **high throughput manufacturing**
- » Low dispensing viscosity & high thixotropy
- » Exhibits no cracking/voiding in cure condition
- » Excellent wet-out for lower thermal impedance

PRODUCT CHARACTERISTICS

TECHNOLOGY	Silicone
THERMAL CONDUCTIVITY ASTM D5470, (W/m-K)	3.5
Dispense rate (EFD 30cc, 90psi)	50 g/min
Cure	Heat Cure
Vertical gap stability	0.5mm to 2.0mm
Storage	-20°C

TYPICAL APPLICATIONS

- » Automotive cameras, radars/LiDARs, data modules and displays
- » Applications in automotive and industrial electronics requiring high reliability

CONFIGURATIONS AVAILABLE

- » 150 or 300 or 600 cc cartridge
- » 1 or 5 gallon pail (4 or 20 liters)
- » Optional: 7 or 10 mil glass bead spacers (0.18 or 0.25 mm)

Reach out to our experts to partner up for thermal applications in automotive and industrial electronics.

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