

# Electrolube<sup>®</sup> 2K301P

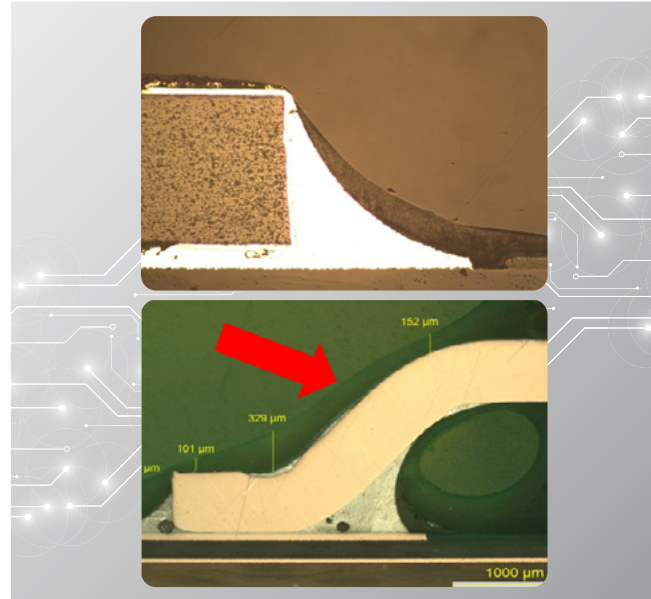
## Two-Component Polyurethane Coating

**Electrolube 2K301P** is a high-performance two-component conformal coating, specifically formulated for selective coating processes. It features increased coating thickness, enhanced edge coverage, and excellent flexibility, effectively minimizing stress on components during thermal changes.

Highlighted by its exceptional features, the 2K conformal coating technology enables higher coating thickness and increased barrier protection compared to traditional solvent-based conformal coatings. With its increased component edge and lead coverage, 2K301P offers superior protection against condensation and humidity, factors contributing to electrochemical migration and corrosion-related component failures. Additionally, 2K301P offers an innovative lightweight solution, achieving durability akin to resins for enhanced overall performance.

## KEY ATTRIBUTES

- Enhanced edge coverage ensures superior overall protection
- Thixotropic properties enable the application of high coating thicknesses of typically 200-350  $\mu\text{m}$
- Hydrophobic quality provides excellent resistance in harsh environmental conditions, such as high humidity and condensation
- High softness and flexibility ensures minimal stress levels during typical automotive thermal cycling testing
- Improved high temperature performance ranging from  $-65\text{ }^{\circ}\text{C}$  to  $+150\text{ }^{\circ}\text{C}$
- Designed for selective spray application
- Solvent, VOC, and silicone free formulation





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