

# High Purity Silicone Adhesive Sealants for LED & Lighting Applications



ACC Silicones has developed a range of Alkoxy high purity silicone adhesive sealants which are ideal for use in LED and other lighting applications. The range includes both paste and flowable versions, including very low viscosity materials.

## Key Features:

- Compatible with a wide range of sensitive substrates including copper, brass, steel, aluminium, FR4, acrylics and polycarbonates
- No Silica residues in high temperature applications
- Excellent primer-less adhesion to a wide variety of materials
- Easy to use — 1-part RTV sealants
- Fast curing
- High temperature resistance
- No inhibition of platinum catalysed silicone products
- Meet the corrosion resistance requirements of MIL A-46146B



| Product | Features |             |  | Applications                        |
|---------|----------|-------------|--|-------------------------------------|
| AS1703  | Paste    | Translucent | Thixotropic paste<br>High temperature resistance to +200°C               | Ideal for lighting seals & gaskets  |
| AS1704  | Paste    | Black       | Thixotropic paste<br>High temperature resistance to +250°C               | High temperature seals & gaskets    |
| AS1724  | Flowable | Translucent | Low viscosity (44,000 mPas)<br>High temperature resistance to +200°C     | Thick coatings for higher voltage   |
| AS1725  | Flowable | Black       | Low viscosity (47,000 mPas)<br>High temperature resistance to +250°C     | Thick coatings for higher voltage   |
| AS1726  | Flowable | Translucent | Very low viscosity (3,100 mPas)<br>High temperature resistance to +200°C | Well suited to coating applications |
| AS1727  | Flowable | Black       | Very low viscosity (3,400 mPas)<br>High temperature resistance to +200°C | Well suited to coating applications |

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