

Technical Data Sheet

Product Description :

- Single component room temperature curing silicone sealant.
- It has good flow performance, and has good extrusion performance in the range of 4~40°C.
- No corrosion to metal, glass, gypsum board, adhesion plastic and good performance.
- Excellent weather resistance, good water-proof and insulation properties.
- High temperature and low temperature resistance and at - 40°C of low temperature or will not become brittle, hardening cracking, at the temperature of 180°C will not soften, degradation after cured and always maintain good elasticity. Comply with EU-ROHS directive requirements.

Product Application :

- Insulation seal for electrical switches and equipments.
- Insulation seal for relays and other electronic components.
- LED lamp adhesive, waterproofing, insulation, sealing.

Product Instruction :

- Please make sure the coated surface is absolutely clean and dry, and remove the rust, dust and oil stains on the surface before use.
- Cut the projecting part on the top of the tube, then squeeze out the glue on the objects and apply it evenly. If the thickness of glue applied on the objects ranges from 2mm to 4mm, it's better to place the objects under indoor temperature and with 55% relative humidity, then it'll cure naturally within 24 hours. But if the thickness of glue applied on the objects surpasses 6mm, it'll take at least 7 days to cure under the same condition.
- Please store the glue sealed after used.

Caution :

- This product is non-toxic after completely cured, but should avoid contact with the eyes and children before curing, and working area maintain ventilation.

Technical Specification (AA-5145) -

Property	Value
Type	Non sag
Color	Clear, White, Grey, Black
Thermal conductivity (Colored)	0.45-.65 W/mK
Thermal resistivity (Colored)	1.8 mK/W
Specific gravity	1.0 (Clear), 1.5-1.6 (White, Grey, Black)
Extrusion rate	350 g/min (Clear), 200 g/min (Colored)
After being exposed to air at 25 °C at 50% R.H.	
Tack free time	10-15 min
Cure time	24 hrs
After being cured at 25 °C for 7 days at 50% R.H.	
Shore hardness (Shore A)	≤ 40 points
Tensile strength	≤ 300 psi
Elongation	≤ 600%

Packing Specification :

- 300 ml/tube, 25 tube/box
- 2600 ml/tube, 4 tube/box

Storage And Transport :

- This product should be stored in a dry, cool place, avoid rain, sun exposure, storage period of six months (25°C).
- Such products are non hazardous and can be transported in general chemicals