

## DATA SHEET

### K12 SERIES MASKING TAPE UL Number E197661

#### DESCRIPTION:

K12 is a Polyimide film tape incorporating a high performance silicone adhesive. The product is designed for numerous high temperature masking applications, including the protection of printed circuit board gold finger contacts during wave soldering. It is UL approved for use in electrical insulation applications meeting class H requirements.

#### TECHNICAL DATA

#### VALUE

|                                      |             |
|--------------------------------------|-------------|
| Color                                | Amber       |
| Adhesion Type                        | Silicone    |
| Film Thickness (mils)                | 1.0         |
| Adhesive Thickness                   | 1.7 +/- 0.2 |
| Total Thickness (mils)               | 2.7         |
| Peel Adhesion: lbs/inch              | 23          |
| Tensile Strength (lbs/inch)          | 30          |
| Elongation: %                        | 60          |
| Dielectric Strength, volts           | 6800        |
| Resistance to: acids, oils, solvents | Excellent   |

#### Product Features:

- Thin and conformable enabling masking of uneven surfaces
- Wide operating temperature range up to 500°F
- Removes cleanly without adhesive residue after exposure to heat and/or chemicals
- High strength backing provides superior puncture, tear, and abrasion resistance
- Resistant to chemical attack
- Excellent electrical insulation
- UL approved

#### Typical End Uses:

- High temperature masking
- Protection of circuit board gold finger contacts during wave solder or hot air leveling process