

CHR® K201/K202

Polyimide, Silicone Adhesive Tape

CHR K201 and K202 are manufactured from a special grade polyimide backing material with a high-temperature silicone pressure-sensitive adhesive.

Features/Benefits

These tapes have excellent mechanical properties. **CHR** K201 offers high conformability and outstanding resistance to cut-through, and is impact and abrasion resistant. Burning of the adhesive on either tape forms a non-conductive ash. Polyimide film coated with silicone adhesives comply with UL510 standards for flame retardancy and 180°C operating environment.

Availability

Factory stock for **CHR** K201 and K202 is in master log rolls 33 m long x 991 m (36 yd x 39 in) wide. Rolls can be slit from 12.7 mm (0.5 in) wide up to full width. These tapes are available only without a liner.

Applications

CHR K201 and K202 are often used for applications that require protection from high temperature and/or chemical resistance. Chosen for gold finger protection during wave solder, high temperature masking during powder coating and tool-die-mould protection in composite moulding.



CHR K201/K202 Properties

Performance tests are run using standard test procedures.

The values presented are typical values and should not be used for specification purposes.

| Product Number | K201 | K202 |
|--------------------------------|-------------------------------|-------------------------------|
| Backing Material | Film-Polyimide | Film-Polyimide |
| Adhesive Type | Silicone | Silicone |
| Total Thickness mm (mil) | 0.064 (2.5) | 0.089 (3.5) |
| Backing Thickness mm (mil) | 0.025 (1.0) | 0.051 (2.0) |
| Adhesive Thickness mm (mil) | 0.038 (1.5) | 0.038 (1.5) |
| Adhesion to Steel N/cm (oz/in) | 2.2 (20) | 2.5 (23) |
| Tensile Strength N/cm (lb/in) | 44 (25) | 70 (50) |
| Elongation (% at break) | 80 | 90 |
| Operating Temperature °C (°F) | -73 to +260 (-100 to +500) | -73 to +260 (-100 to +500) |
| Colour | Amber | Amber |



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