

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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