



## Technical Bulletin

### Polyimide Silicone Adhesive Tape (CHIC1)

#### DESCRIPTION

High Temperature Polyimide Tapes are manufactured from a polyimide film and a silicone adhesive, designed for temporary masking during soldering and other high temperature processes. Polyimide tape is formulated to be removable leaving no residue and retains its excellent physical and electrical properties over a very wide temperature range. Polyimide film will not burn or melt and is ideal for applications requiring high dielectric strength in extreme temperature environments, polyimide pressure sensitive adhesive tapes boast resistance to extreme heat, solvents, and abrasion.

#### FEATURES AND BENEFITS

- Available in a wide range of widths
- Supplied on a 33M reel
- High operating temperature 240°C
- High tack Silicone Adhesive
- Ultra-Thin.
- No residues left after removal

#### PHYSICAL/CHEMICAL PROPERTIES

Property Name	Polyimide Tape
Total Thickness (μ)	63.5
Backing Thickness (μ)	25
Elongation at break (%)	55
Length (m)	33
Breaking Strength (Kg per cm)	5.4
Dielectric Strength (Volts)	6500 (@ 200c)
Thermal Classification (°C)	H (180)
Temperature Range (°C)	-70 to +250
Pollution resistance	200°C, 2 hours, no adhesive remained on object
Adhesion to Steel (N/25mm)	6.2

#### HANDLING & STORAGE

As with all polyimide tapes you should always store in a clean dry area away from any moisture, condensation and direct sunlight.

**Shelf life:**

2 years from DOM	If Stored correctly in a dry place
------------------	------------------------------------

The information contained herein is based on data considered accurate and is offered at no charge. No warranty is expressed or implied regarding the accuracy of this data. Liability is expressly disclaimed for any loss or injury arising out of the use of this information or the use of the materials designated.