



## Technical Bulletin

### Polyimide Silicone Adhesive Dots (CHIC1)

#### DESCRIPTION

High Temperature Polyimide Dots are manufactured from a polyimide film and a silicone adhesive, using a split liner for ease of removal. Polyimide dots are designed for temporary masking during soldering & other high temperature processes and 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 dots 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 Dots
Total Thickness (μ)	63.5
Backing Thickness (μ)	25
Elongation at break (%)	55
Dots per Reel	1000
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
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