



Double sided Polyimide Film Adhesive Tape

Double sided Polyimide Film Adhesive Tape/Double Sided Kapton Tape

Double sided Polyimide Film Adhesive Tape, also referred to as double-sided Kapton tape, is made from a 0.025mm(1mil) polyimide film substrate and is coated with imported silicone pressure sensitive adhesive on both sides. With a total thickness of 0.1mm, it features either a double-sided or single-sided composite PET fluorine release liner.

This high-temperature resistant tape offers excellent insulation, wear resistance, and resistance to acids and alkalis. It can withstand temperatures of up to 280°C(536°F) for 30 minutes and can be used continuously at 260°C(500°F)

Advantages

- **Strong Adhesion:** Offers excellent sticking power with good serviceability, ensuring durability.
- **Insulation & Wear Resistance:** Provides excellent insulation, wear resistance, and acid and alkali resistance, usable at 280°C for extended periods.
- **High Temperature & Solvent Resistance:** Capable of withstanding high temperatures and resistant to solvents, with no tin penetration and no residual glue left after removal.
- **Electrical Properties:** Exhibits excellent electrical properties, low voltage performance, and good mechanical strength, including friction and tear resistance.
- **Customization:** Available in a variety of specifications ranging from 5mm to 500mm, customizable according to specific requirements.

Double sided Polyimide Film Adhesive Tape Properties

Model Name	YS7710SB
Adhesive Type	Both sides with Silicone
Total Thickness mm(mil)	0.10(4)
Back Thickness mm(mil)	0.025(1)
Adhesion to Steel N/cm(oz/in)	2.2/2.2 (20/20)
Tensile Strength N/cm(lb/in)	53(30)
Elongation (% at break)	50
Dielectric Strength volts	7,500
Operating Temperature °C(°F)	-73 to +260 (-100 to +500)



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