NANOFEA

NANOMAX
Getters Reimagined

NanoMAX Tape

High Temperature Low Outgassing Double sided Tape for Getter attachment

NanoMAX tape is a 0,127mm/ 5 Mil Polyimide tape double side coated with Silicone Adhesive with a peelable liner on both sides of the adhesive to allow for easier handling during assembly

NanoMAX Tape	
Operating Temperature Range	**Adhesive Strength**
-73°C to 260°C	25 oz./ in
Low Outgassing	
Shelf Life – 1 Year	

NanoFEA (Nano Functionally Engineered Atmospheres) has leveraged its hierarchically porous nanostructured materials, disclosed by U.S. Patent Application Nos. 2025/0073666 A1, 2025/0091030 A1, 2025/0108356 A1, and 18/800,083 (2024), as next-generation high-capacity getters for scavenging outgassed gases from packaging materials (polymers, epoxies, PCBs and Ni/Au plating etc.).

Built to complement and provide ease of use and assembly, this NanoMAX Tape is designed to adhere the NanoMAX getters to any surface where the getter is to be located. NanoMAX Tape is suitable for use in both low and high temperature applications and will adhere to any metals (bare or plated), on plastics, ceramics, circuit boards or other packaging components while holding the NanoMAX getters in place. Use of the NanoMAX tape allows broad access of the targeted gas species to the NanoMAX getter whether it is single or double side coated.

Typical Attach surfaces:

- Hermetic lids – Bare or Plated
- Ceramics
- Circuit Boards
- Flip Chip Lids
- EMI/ RFI Shields
- Thermal materials/ Laminates or Composites
- Plastics
- Package floors or Sidewalls

Built with Low and High temperature resistance and compliant to any surface, this NanoMAX Tape simplifies assembly and provides opportunity to present the NanoMAX getters to any area whether general or targeted.

Liner thickness/ Per Side	0,076mm / .0025”
Backing/ Tape Thickness	0,127mm / .005”
Total Thickness	0,254mm / .010”
Tensile Strength	50 lbs./ in
Elongation	60%
Dielectric Strength	10000 Volts
Insulation Class	180° C
RoHS and REACH Compliant	

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