

Precision Supplies for
Wafer Surface Protection

WaferGuard™ System

Suitable For a Wide
Range of Applications

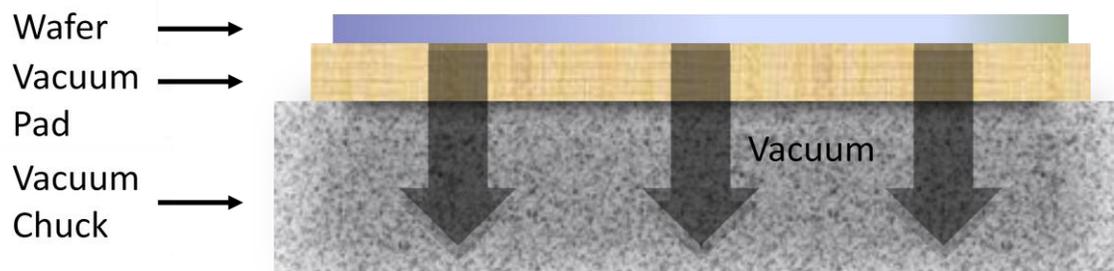
WaferGuard Products

Vacuum Pads, WaferGrip™ Barrier Film, and Separator Paper are used to protect the surface of wafers when placed face down on a vacuum chuck or stacked for storage, while WaferCradles allow for easy handling of even the most delicate wafers.



Vacuum Pads

Vacuum Pads are used to protect delicate wafer surfaces when the wafers are mounted on to vacuum chucks. The porous nature of the pad allows vacuum from the vacuum chuck to hold the wafer in place without compromising the wafer surface due to abrasion or scratching from the hard surface of the vacuum chuck. Typical process would be inspection and mounting of backside tape.



WaferGuard Applications

- Wafer Inspection
- Mounting Backside Tape
- Wafer Surface Protection
- Wafer Shipping
- Wafer Storage



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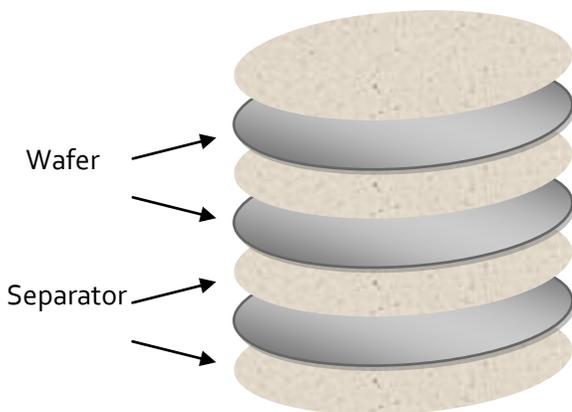
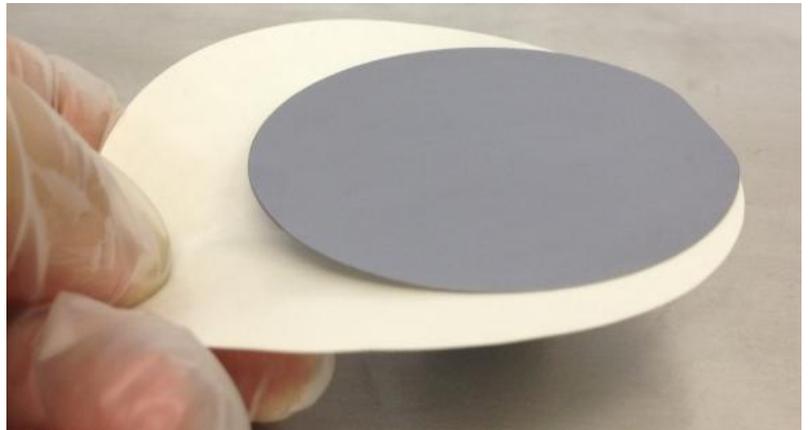
WaferGrip™ Barrier Film

WaferGrip Barrier Film is used as a protective cover that encapsulates the wafer's delicate features so as to protect them as the wafer undergoes various manufacturing processes. WaferGrip is resistant to: water, IPA, acetone, KOH etch solutions, developers and some photo resist strippers. WaferGrip is applied simply by placing the WaferGrip preform onto the wafer. Once the preform is in place, the wafer and WaferGrip is heated and the WaferGrip melts to form an intermit interface to the surface of the wafer. Once the wafer is cooled the WaferGrip solidifies, creating a robust protective barrier over the surface of the wafer.



WaferCradle

For wafers that are too delicate for tweezers, use WaferCradle. WaferCradle can be used to lift, carry and invert wafers that would otherwise suffer by handling. WaferCradle can be used to access the back side of in-process wafers for additional processes.



Separator Paper

Separator Paper is used when stacking wafers for shipment or storage. They are also used as temporary covers when wafers are stored between process steps. Separator Paper is available to suit any wafer size.



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