

Benefit from using UniversityWafer, INc. Superior Quality Carrier Wafers for Dry Etching

Sapphire and fused silica substrates used as carrier wafers also called handling, process wafers for dry etching.

SOUTH BOSTON, MA, UNITED STATES, May 18, 2023 /EINPresswire.com/ -- UniversityWafer, Inc, a leading provider of semiconductor wafers and [substrates](#), proudly highlights the advantages of its cutting-edge substrates for [dry etching](#) processes. These substrates are designed to deliver exceptional performance, reliable results, and superior value to clients in the semiconductor industry.

Our product portfolio includes a range of carrier wafers, such as silicon, silicon carbide, glass, germanium, sapphire and fused silica substrates, surface optimized for dry etching applications. These substrates, manufactured with precision and stringent quality control, are designed to offer numerous benefits:

Enhanced Thermal Management: Our substrates are selected for their superior thermal properties. Whether it's the high thermal conductivity of our sapphire wafers or the low thermal expansion coefficient of our fused silica wafers, we've got your heat management needs covered.

Chemical Resistance: UniversityWafer's fused silica, sapphire and glass wafers are chemically inert, ensuring they won't react with the reactive gases typically used in dry etching processes. This guarantees the integrity of your device wafer, while also ensuring our carrier wafers can be reused, reducing overall process costs.

Protection and Support: Our substrates provide essential physical support to device wafers, safeguarding them from potential damage during the etching process. Their excellent mechanical stability makes them the perfect choice for handling thinner or more fragile wafers.

Size Adaptation: We offer wafers tailored to fit the size of your etching chamber, ensuring correct positioning and uniform processing.

Transparency: With substrates that are transparent to a wide range of wavelengths, including ultraviolet and infrared, inspection and photolithography processes are made easier.

"Semiconductor manufacturers demand superior performance, reliability, and cost-effectiveness in their etching processes," said Chris Baker, CEO of UniversityWafer, Inc. "Our sapphire and fused silica substrates are designed to meet these demands head-on, providing a high-quality solution that benefits our clients."

About UniversityWafer, Inc: UniversityWafer, Inc. is a premier supplier of high-quality semiconductor wafers and substrates. With a commitment to innovation, quality, and customer service, UniversityWafer, Inc. supports industries and researchers worldwide with the materials they need to drive the future of technology.

For more information, please visit www.universitywafer.com or contact our sales team at sales@universitywafer.com.

Press Contact:

Chris Baker

chris@universitywafer.com

617-268-2595

Christian Baker

UniversityWafer, Inc.

+16174131577 ext.

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

[YouTube](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/634282548>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.