

Dynatex International

Semiconductor dicing equipment and supplies

WaferGrip™

Temporary Adhesive

*Samples available upon request

WaferGrip is a precision replacement to wax bonding (or Crystal Bond) of parts to various substrates.

Applications

- **Wafer Lapping**
- **Wafer Polishing**
- **Wafer Dicing**
- **Any temporary wafer bonding process**
- **WaferGrip** adhesives consist of Ethylene Vinyl Acetate (EVA) polymers. They are heat activated to bond two surfaces together. A typical application is the bonding of wafers to mounting substrates for the thinning process.
- **WaferGrip** is supplied in preformed shapes to suit the required application. This along with the accurately controlled bond line provides an efficient and robust process.
- **WaferGrip** is resistant to: water, IPA, acetone, KOH etch solutions developers and some photo resist strippers.



KerfAid™

Dicing Additive

KerfAid dicing Additive when used in conjunction with dicing saw cutting water provides the ultimate in saw cut quality.

Applications

- **Saw dicing**
- **Wafer thinning**
- **Milling**
- **Shaping**

*Samples available upon request



Chemistry with a Purpose!

- The **KerfAid** molecule is designed with two different ends. One end of the KerfAid™ molecule is hydrophilic which means it bonds to water molecules. The other end is hydrophobic which bonds to the Si particulates in the water. This configuration of the molecule ensures that particulates are washed away from the wafer surface!

Dicing Equipment

DTX-200-ADB - Provides singulation processes for GaAs RFICs, optical devices MEMS devices with delicate topside structures etc .Dynatex International has a 40 year history in die singulation and hold 70% of the market share for GaAs singulation. The DTX is the newest entry into Dynatex International's line of patented integrated die singulation tools.

DXB Wafer Bonders – Bonds wafers to temporary substrates for processing with WaferGrip

DXE Wafer Expanders - Expands the singulated wafers after the dicing process.

DXM Wafer Mounters - Mounts wafers prior to the singulation/dicing process.

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