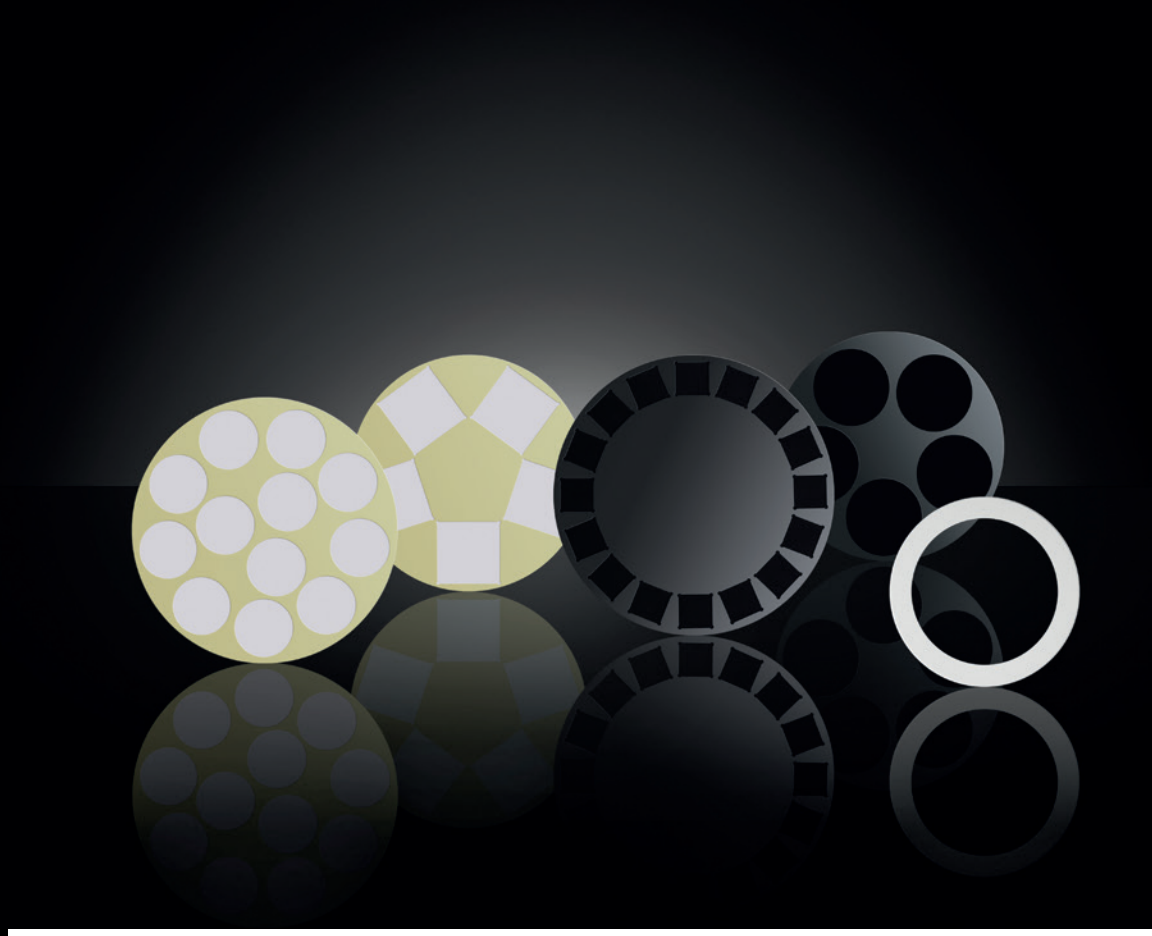
PUREON



**Highlights**

- Easy application – pressure sensitive adhesive on template assemblies allows easy application to carrier plates
- No CFCs – template assemblies are environmentally friendly and non-hazardous
- No de-waxing clean step required – no chemicals are used to hold wafers

SiC multiple-wafer processing template

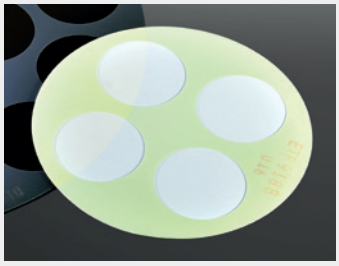
# NTA E310

E310 backing film is durable in highly alkaline or acidic chemical processes. The E310 film is one of our low compressible films, resulting in flatness consistency throughout the lifetime of the template. Easy to use alternative to wax mounting technique, with simple installation and clean up. Ideal for customers who polish silicon carbide (SiC) wafers.

**Typical applications**
Silicon carbide

| Template variations | Compressibility | Deflection [mm] |
|---|---|---|
| NTA CHOIS | 9.01 | 0.053 |
| NTA DF200 | 10.60 | 0.065 |
| NTA E310 | 5.75 | 0.041 |
| NTA WB20 | 3.45 | 0.016 |

The data presented is a statistical representation for comparison purposes. The values are not necessarily a representative of the COA specifications.



NTA E310 backing films are ideal for customers who polish a variety of different sizes or unusual shaped substrates. We are happy to assist you in finding the best suitable products.

Pureon offers a wide range of customized solutions. More information can be found on www.pureon.com/products/overview

## Product specifications

| | |
|---|---|
| Base material | Fiberglass |
| Shelf life | 12 months |

## Application recommendations

**Handling**

Only apply to a clean, dry surface at room temperature. If an appropriate solvent, such a isopropyl alcohol, is used to clean the carrier plate after an NTA removal, allow the carrier plate to dry completely and return to room temperature before applying the NTA. Solvents remaining on the carrier plate or an unusually cold carrier plate will lower PSA adhesion.

When applying the NTA to the carrier plate, peel the release liner from one edge of the NTA. Fold liner back approximately two inches. Align the NTA with the edge of the carrier plate and adhere. In one continuous movement, slowly peel the remaining release liner off the NTA while pressing the NTA down on the carrier plate. The application should be smooth and uniform with even pressure from the pad mounting tool (such as a flat disk or hand roller).

Do not try to reposition NTAs with PSA II adhesive.

**Storage**

Product should be stored and transported in the original packaging. The product should be stored in temperatures between 10 °C to 24 °C (50 °F to 75 °F) and < 50 % humidity. Exposure for six (6) months or less to conditions between -17 °C to 48 °C (0 °F and 120 °F) and / or at relative humidity of up to 100 % will not impact the product performance as long as the release liner remains intact and attached to the PSA. If the product is exposed to temperatures and humidity outside the recommended conditions, it may still be acceptable for use. In all cases, the product should be allowed to return to normal room temperatures prior to use.

**Disposal**

Dispose of in accordance with all applicable local regulations.

**Contact**
**Pureon**
sales@pureon.com
www.pureon.com/sales-contacts

All information is non-binding and provided for information purposes only. Subject to change without notice. – NTA_E310_datasheet_de-en-cn_2023-08-17 – 04.01