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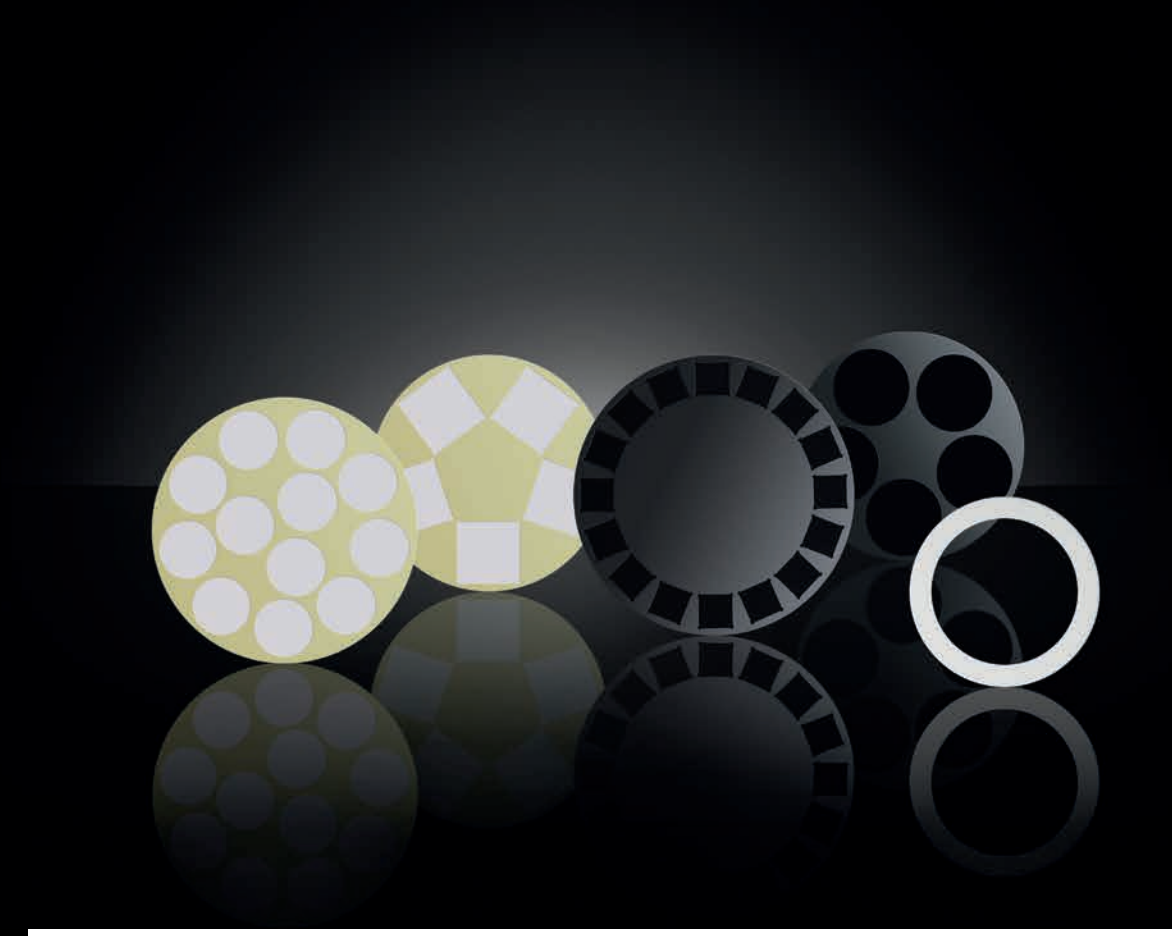

Highlights

- 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

Multiple-wafer processing template

NTA CHOIS

CHOIS templates are manufactured to Pureon's high-quality standards while using low-cost materials. The CHOIS backing film is equivalent to the Napcon film used in the PR Hoffman templates. The CHOIS templates outperform the PR Hoffman templates in lifetime, thereby lowering the customer's COO. Easy to use alternative to wax mounting technique, with simple installation and clean up. Ideal for customers who polish a variety of different sizes or unusually shaped substrates. The CHOIS templates are the lowest-cost templates in the Pureon portfolio.

Typical applications
Ceramic, glass, silicon

Backing film	Compression	Deflection	TTV	Pore Structure / Wafer spin	Substrate
NTA CHOIS	9.00 %	0.053 mm	Good > 5 µ	Open / Yes	Silicon, various
NTA DF200	10.60 %	0.065 mm	Best NTA ~4 µ	Open / Yes	Silicon, sapphire, various (all)
NTA E310	5.75 %	0.041 mm	Good	Open / No	Silicon carbide
NTA WB20	3.45 %	0.016 mm	Good	Open / No	Ceramic, various

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

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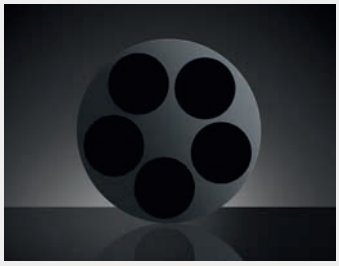

NTA CHOIS backing films are ideal for customers who polish a variety of different sizes or ununsual shaped substrates.

Product specifications

Base material	Fiberglass, film
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.

Pureon offers a wide range of customized solutions. Get in touch with us.

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