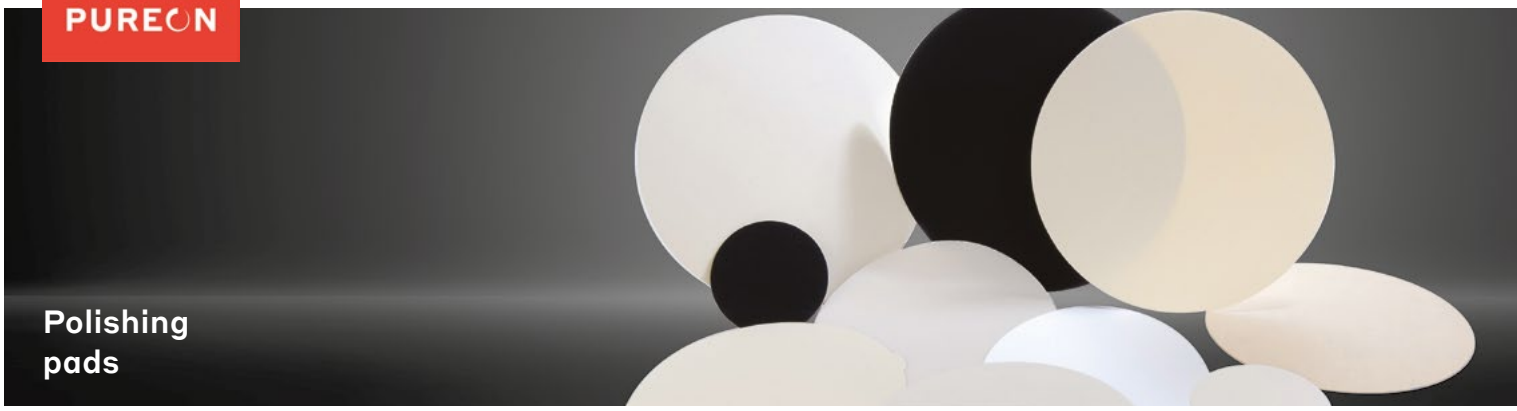
PUREON



Polishing pads

Soft pad, dual pore structure on compressible substrate

Optivision™

Optivision's dual pore struce and increased number of contact points provides higher removal rates and results in a better surface quantity than other poromeric pads.

Optivision works complimentary when combined with Ultra-Sol products. Pureon slurries are available in customer-tailored formulations in a wide range of viscosities and formulations. We are happy to assist you in finding the best suitable products.

Soft pad, dual pore structure on compressible substrate for final or buffing polish

The Optivision 4540 has a dual pore structure; a combination of small pores dispersed amongst larger pores. This pore structure is advantageous over other finishing pads due to the increased number of contact points. The increase in contact area and number of contact points results in lower defectivity, increased removal rate, and improved surface finish.

Product specifications

Base material ..... Poromeric
Shelf life ..... 12 Months
Applications ..... Copper CMP, Fused silica, Germanium, TEOS

Polishing pad	Base material	Compressibility %	Thickness (mils)
Optivision 4540	Poromeric	12.00	56
Politex Reg	Poromeric	14.75	56
Politex Hi	Poromeric	13.75	60
Politex Reg Embossed	Poromeric	14.75	56

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

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

Packing information

Pads are packaged face-to-face (polish side to polish side) and sealed inside a plastic bag to ensure cleanliness during transportation. The bags are taped to the side of the box to prevent the bag from slipping and damaging the pads. Pads should always remain flat. Bending pads during handling can cause wrinkles in the PSA and premature delamination of the release liner.

Optivision highlights

- Dual pore structure.
- Available in different surface textures such as plain and XY grooved.

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

Instructions

Handling

Apply only to a clean, dry surface at room temperature. If an appropriate solvent, such as isopropyl alcohol, is used to clean the platen after a pad removal, allow the platen to dry completely and return to room temperature before applying a new pad. Solvents remaining on the platen or an unusually cold platen will lower PSA adhesion.

When applying the pad to the platen, peel the release liner from one edge of the pad. Fold liner back approximately 2 inches. Align the pad with the edge of the platen and adhere. In one continuous movement, slowly peel the remaining release liner off the pad while pressing the pad down on the platen. 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 pads with PSA 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.

Optivision is a registered trademark of DuPont. Pureon is an Authorized distributor of DuPont.
All information is non-binding and provided for information purposes only. Subject to change without notice.