

Highlights

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

Soft pad, dual pore structure on compressible substrate

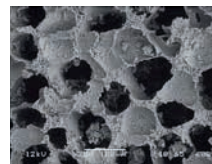
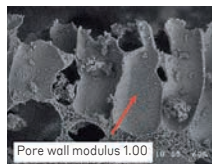
OPTIVISION™

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.

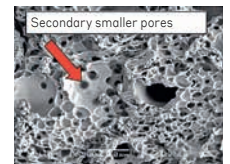
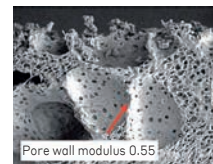
Typical applications

Copper CMP, fused silica, germanium, TEOS

POLITEX pad



OPTIVISION™ 4540 pad



Polishing pad	Base material	Compressibility [%]	Thickness [mils]
OPTIVISION™ 4540	Poromeric	12.00	60
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 comparison purposes. The values are not necessarily representative of the COA specifications.



OPTIVISION™'s dual pore structure and increased number of contact points provides higher removal rates and results in a better surface quality 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. We are happy to assist you in finding the best suitable products.



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

Product specifications

Base material Poromeric
Shelf life 12 months

Application recommendations

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 two 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 for DuPont.

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