

PUREON

Polishing pads

Ceria-filled urethane pad with microcellular pore matrix

EXTERION™



EXTERION pads provide significant advantages in achieving consistent, reproducible polishing results.



Pureon offers a variety of slurries in a wide range of viscosities and custom formulations to match EXTERION pads. We are happy to assist you in finding the best suitable products.

Advanced ceria-filled urethane pad for glass and optical applications

EXTERION pads are made of an advanced urethane with ceria filler, specifically formulated to meet the needs of different glass and optical polishing applications. The unique and controlled pore structure differentiate them from competitor pads in both performance and pad wear/lifetime. EXTERION pads provide significant advantages in achieving consistent, reproducible polishing results.

EXTERION C74A has a lower density and pore count to improve the scratch rate and surface quality. EXTERION C76C has a higher density and pore count, which results in higher removal rates.

Product specifications

Base material	Urethane
Shelf life	12 months
Applications	Acrylic, aluminosilicate, APEX, BK7, BK9, borofloat, borosilicate, ceramic, crystal quartz, glass, gorilla glass, leaded crystal, phosphate, pyrex, SF6 flint, soda lime float, zinc borosilicate

Polishing pad	Base material	Compressibility %	Hardness	Hardness test	Density (g/cm3)
EXTERION C74A	Urethane	3.00	76	JIS-A	0.4
EXTERION C76C	Urethane	3.00	86	JIS-A	0.6

The data presented is a statistical representation for comparison purposes. The values are not necessarily 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.

EXTERION highlights

- High removal rates.
- Long lifetime.
- Better flatness.
- Available in multiple surface textures; plain and XY grooved.



Pureon offers a wide range of customized 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.