

Highlights

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

Ceria-filled urethane pad with micro-cellular pore matrix

EXTERION™

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

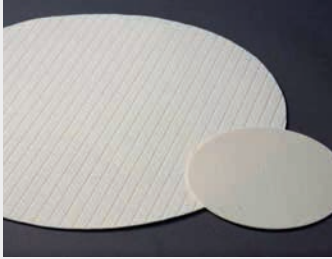
EXTERION™ C74A has a lower density and pore count to improve the scratch rate and surface quality. EXTERION™ C76C has a higher density and pore count, which results in higher removal rates. EXTERION™ C15C features a balance of hardness and compressibility that enables superior performance in a wide range of materials.

Typical 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/cm ³]
EXTERION™ C15C	Urethane	3.1	83	JIS-A	0.5
EXTERION™ C74A	Urethane	3.0	76	JIS-A	0.4
EXTERION™ C76C	Urethane	3.0	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.



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™ polishing pads. 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 Urethane
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.

EXTERION™ is a registered trademark of Nitta / DuPont and is used under license by Pureon Inc. Pureon is an authorized distributor for DuPont.

Contact

sales@pureon.com
www.pureon.com

