

PUREON

Polishing pads

Polyurethane impregnated felt pad, non-woven

GS



GS pads are optimally complemented by colloidal silica slurries in the Ultra-Sol series.



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

Polyurethane impregnated polyester felt pad for stock or intermediate polishing

GS is a non-woven material which combines a uniform, moderately permeable pore structure with a firm, dense base. GS is ideal for aggressive polishing processes. The GS material is particularly effective in replacing wool and other natural polishing cloths due to its superior durability and resistance to biological growth. GS is recommended for polishing of glass, mirrors, ceramics, and acrylics.

Product specifications

Base materialFelt
Shelf life12 Months
ApplicationsGlass, Zerodur

Polishing pad	Base material	Compressibility %	Hardness	Hardness test	Thickness (mils)
GS pad 0.150	Felt	5.0	45	Shore D	150
GS pad 0.180	Felt	5.0	45	Shore D	180
GS pad 0.220	Felt	5.0	45	Shore D	220

Contact

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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.

GS highlights

- High density.

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.



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