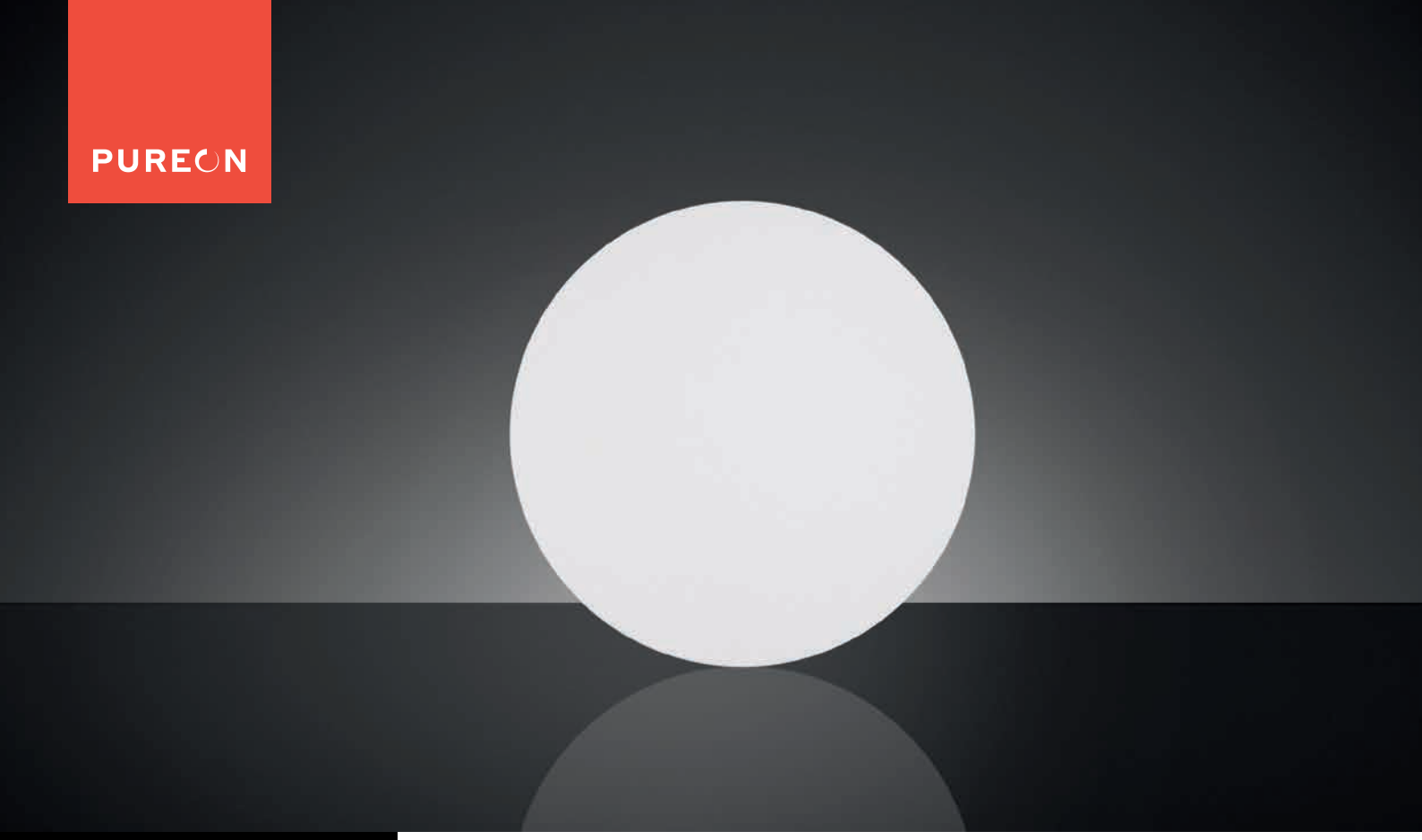
PUREON



Highlights

- Industry standard material for polishing quartz parts used through the semiconductor industry
- Offers a wide range of thicknesses allowing users to optimize their process lifetime and cost
- Firm, dense base allows for tight control of product geometry while still providing excellent surface finish

Polyurethane impregnated felt pad, non-woven

GS

GS is a non-woven material that 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.

Typical applications
Glass, quartz, fused silica, zerodur

Polishing pad	Base material	Compres-sibility [%]	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

PUREON

GS is the industry-leading polishing pad for glass materials such as quartz and fused silica, featuring superior surface quality.

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.

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

Product specifications

Base material	Felt
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.

Contact
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