

Graphite Parts Display Glass Applications

Poco Graphite, Inc. manufactures isotropic graphite materials with uniform porosity and small grain size. Our unique manufacturing process produces polycrystalline, fine-grain graphite with excellent strength and hardness characteristics. These features combine to produce longer-lasting parts that are less abrasive and more cost-effective. Isotropic materials offer maximum design flexibility while reducing chipping and breaking. POCO's graphite materials have proven to be a more user-friendly alternative to other glass handling products.

POCO's precision machining facility produces an assortment of graphite contact parts used in the CRT handling process. Because graphite is so easily machined, parts can be fabricated to very tight tolerances with intricate detail. After milling, parts can be polished or coated to satisfy your own unique application requirements.

Products for the Forming Process:

Funnels—clamp blocks, rest pads, yoke supports, nose cones, and guide pads.

Panels—centering wheels, centering pads, guide posts, and locator pads.

Products for the Assembly:

Frit Seal Fixturing—neck stoppers, yoke supports, frit seal pads and rollers.

Post Frit Seal Handling—carrier blocks, support blocks and rollers.

Materials

For extended life in high-temperature areas, POCO offers materials that are impregnated with our patented oxidation inhibitor. From specialty materials to precision machined parts, POCO has solutions to your glass handling problems.

Recommended Materials

Exceptional strength & wear resistance with oxidation inhibitors:

AXF-5Q-PYC

ACF-10QE2

GLASSMATE-HT®

GLASSMATE-SR-2®

Exceptional strength & wear resistance without oxidation inhibitors:

GLASSMATE®

GLASSMATE-LT®

GLASSMATE-SR®

GLASSMATE-CXT®

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