

LL INSTRUCTIONS

Most any kind of polishing lap will produce scratches at first use.

BEFORE USE: Please, consider Burnishing your LL lap !!! Some laps need very little breaking-in. Water-sand [burnish] briefly with *light contact* using **400-grit wet-dry Sandpaper** wrapped tightly around a wooden or plastic block. Move sandpaper side to side. **Do not sand stationary!** Repeat if necessary. Do not share sandpaper with another lap! DLites are diamond coated. They will dull sandpaper very quickly!!!

LL-CEOX (*cerium oxide*): Used for Quartz-family, including glass, opal- use LL-Cerium Oxide lap final polish. Water drip only! Typically, **these laps oxide laps MAY require some initial burnishing** for a flawless finish. Try first. DO NOT burnish more than necessary!

LL-A1 Linde-A (aluminum oxide)
These laps are preferred by many for Tourmaline, Garnet, CZ, Spinel, various Synthetics, and other hard gem rough. **Use water drip only!**

LL-NATURAL: Used to polish ALL gemstone with any oxide or diamond polish 1200-grit or finer. **Oil, water, or distillates may be used with this lap only!** Clean, scrub, rinse thoroughly between polishes.

LL-D'Lite: Diamond-resin polishing laps. **Use water only!** Burnish before first use. **D'Lite laps are for polishing only, not for cutting!**

CLEAN LAPS with 3M pad and kitchen cleanser. Rinse, and stack to dry.

Gem facets should preferably be cut with 600-steel lap; followed by D'Lite1200 pre-polish; and finished with either the LLCeOX, A1, or the DLITE-series diamond-resin laps. Smaller facets can often be cut and polished simultaneously with the LL final polishing laps, saving multiple lap changes. The LL-Toppers are approx. 1/8" (4mm) thick, and will not cause rounded facets like Ultra Laps often do.

USE ONLY WATER AS LUBRICANT!!!! Do not use distillates on LL coated laps! And do not use/run/polish dry!

Do not polish stones near the outer, (19mm) edge of the lap! It's a Swarf "mine-field!"

Lap Speed: 100-300 rpm for most materials; 600 rpm+ for corundum.

Do Not Press Hard! Just make contact with even pressure. Let the lap do the work! The best polishing is done in the center, 2" zone of an 8" lap!

TOPPER laps require a MASTER lap: If you purchased an LL Topper, it must be mounted on a master lap, or any clean, trusted smooth-running lap without a center label. **DO NOT over-tighten arbor nut!** Some faceting machines have slightly larger diameter arbor mounts. **If LL-topper fits too tight,** roll up a sandpaper cigar and ream it out slightly until the lap fits your arbor.

~~~GUARANTEE~~~

If your Lightning Lap product fails to please in any way... **Please Contact us ASAP!**

Please provide a detailed description of the problem, along with quality digital photos if applicable.

IF product isn't delivered in a timely manner via Shipper-Tracked transit, contact us ASAP! Replacing missed shipments, or compensation cannot be made after 90 days!

sales@lightninglap.com

\$\$\$-RESTORATION SAVINGS\$\$\$

Special rates!

LL coated surfaces will wear out with use. But they can be "resurfaced" at a big discount.

ALL RETURNS MUST INCLUDE LAP, FEES & RETURN SHIPPING!
See site under "Instructions"~
[LL Resurfacing Policy, pdf](#)

PLEASE CONTACT US FIRST BEFORE RETURNING LAPS!

sales@lightninglap.com



"Because polishing IS everything!"