

[www.easypckits.com](http://www.easypckits.com) - FAQ

**Q. How did you start the business of selling lapping kits?**

A. I had read about lapping online and wanted to try it myself after a lively forum discussion over at [www.monster-hardware.com](http://www.monster-hardware.com). When I tried to locate the needed supplies, but I couldn't find them locally. I ended up having to buy much more than I needed in order to get the grit levels I wanted. I had so much left over that I offered it for sale as an assortment on a couple of forums online, and people responded pretty well.

**Q. Why would I need to buy and use a lapping kit?**

A. Because it helps to improve the performance and longevity of your computer system. By increasing the contact area between your heat sink and heat source (CPU), you can improve thermal conductivity and facilitate heat removal – and thus lower the temps where it counts. The average improvement is 2.5 to 3.5 degrees Celsius, though many people report better temperature drops. It is very rare that improvement is less than 2C, but be aware that “your mileage may vary.”

**Q. Why do you offer different kits?**

A. Because different customers have different needs – the kits we sell have different components and options. Most people can get by with a standard or premium kit, but others will need both a coarse kit and additional standard or premium kit.

**Q. Why would I need to purchase a Coarse Cut kit?**

B. The” coarse kit is for “roughing in or initial sanding on heat sinks that need more extensive prep work. It is recommended for sinks that are severely convex or concave, or for anodized aluminum sinks. You will need to still use a standard or premium kit to get the best results of lapping your sink.

**Q. I can buy a sheet of sandpaper for “xxx” cents. Why are your kits so expensive?**

A. It's not really any more expensive than buying half sheets at an autobody supply store. And, each kit contains what you need with no waste without the need to drive and get it – time is money, they say. You can buy a kit for as little as \$5 shipped to arrive at your front door. The cost to benefit ratio is very favorable compared to other methods of lowering your temperatures.

**Q. I bought one of your kits and there was more than one brand of sandpaper used. Why?**

A. We buy sandpaper from industrial suppliers that we trust; the brands are all from major manufacturers. Having the flexibility to substitute a particular brand on a given day allows us to help keep costs low and reasonable.

**Q. I bought one of your kits – why was the sandpaper so small?**

A. My kits contain ¼ sheets of sandpaper, this is a standard sandpaper industry size. The actual size of ¼ sheets is 4.5” x 5.5”. It may seem small, but the size is perfect for easy handling and yet be able to get the job done. I have had one website reviewer feel that the size was small at first, but then he followed up and said that the size was perfectly fine and not a concern in actual practice. If you need a kit with larger sandpaper, I can accommodate that request.

**Q. Ok, so I'd like to get a kit with larger sandpaper. What should I do?**

A. Simply email me at [insulglass@easypckits.com](mailto:insulglass@easypckits.com) and tell me what you need. I'll get back in touch quickly with a custom price quote. We can make custom kits in half (5.5" x 9") and full sheet (9" x 11") sizes – including the glass to go along with it.

**Q. Can I get a premium kit in a custom size?**

A. No. The premium sandpaper is not available in larger sizes due to manufacturing requirements. I can, however, provide custom kits with standard sandpaper up to 2500 grit.

**Q. What grits are available?**

A. The following grits are available in standard silicon carbide paper: 180, 220, 280, 320, 400, 600, 800, 1000, 1200, 1500, 2000, 2500. The premium paper is graded differently and is available in the following micron sizes: 40, 25, 20, 15, 10.

**Q. What's the difference between the silicon carbide paper and the premium paper?**

A. The standard kits use sandpaper that is coated in an electrostatic process with grains of silicon carbide grit. Silicon carbide is friable – that is, it fractures easily along structure lines as it undergoes sanding pressure. This means that in effect, the silicon carbide grains are “self-sharpening” and are continually exposing new cutting edges. This paper is best for initial metal removal and is favored by knife makers and machine shops for the consistent cutting action.

**Q. But what is different about the premium paper?**

R. Several items. First, the abrasive is of a totally different material. It doesn't fracture so easily, and therefore wears down instead of exposing new cutting surfaces. This effect allows the premium sandpaper to provide the effect of a multi-graded paper and the net is that you get much more polishing action than cutting action. Secondly, the abrasive is roller coated onto the paper instead of using an electrostatic process, which allows for a more uniform and consistent height of the abrasive grit. A similarly graded micron paper will feel much more smooth than silicon carbide graded paper that's two grades finer. Thirdly, the backing paper is actually a poly-latex composite instead of paper. It is thinner, more flexible, and will not curl when wet like almost every other wet-dry sandpaper. All of these factors together make the premium paper much easier to use and more forgiving, as well as providing a superior final finish.

**Q. Why would I need to use the final polishing compound?**

A. This is offered as a low-cost additional option. Some people are willing to take the extra time to use this; it is rated at 10,000 grit and will provide the ultimate reflective finish. Be aware that you need to read the instructions before you purchase this item, since you really need a mechanical advantage to utilize the polishing compound to it's full effectiveness. You can arrive at an excellent finish *without* the polishing compound, but it *will* take the finish on your sink to the next step.

**Q. How long should it take me to lap my heat sink?**

A. Well, it depends. One factor is the shape your heat sink is in to begin with – you only need to use as coarse a grit level of paper that you need to remove the existing machining marks. In general, most heat sinks can be lapped in about 1.5 to 2 hours. This is fairly easy to do while concentrating on something else like watching TV. Driving a vehicle is definitely not advised while lapping your heat sink. :-)

**Q. Why do you sell Arctic Silver thermal compounds and products instead of Brand "X"?**

- A. Several thermal compounds were evaluated when it was decided to add to our product line. We simply felt that Arctic Silver products are the best performing thermal compounds on the market. They are fairly priced and provide excellent support on their website. Arctic Silver also has a strong history of product research and innovation, and that's the kind of company we want to be associated with.

**Q. Why do you include Arctic Silver Ceramique in the premium kit instead of Arctic Silver 5?**

- A. Until Arctic Silver 5 was released, Ceramique was the world's finest thermal compound and still remains one of the best available. This provides an excellent value without forcing the kits to an impractical price. We can easily create a custom premium kit and include AS5 for a small upcharge. Just send an email and ask.

**Q. Why should I buy a kit from EasyPCKits instead of one of your competitors?**

- A. Several reasons. First, take a look at [www.heatware.com](http://www.heatware.com) and [www.ebay.com](http://www.ebay.com) where you can find plenty of feedback for "insulglass". Additionally, you can search major forums for "insulglass" or "easypckits". Our customer service and quality products are second to none. Secondly, we ship quickly. Over 99% of all orders are shipped on the following business day if not the same day. If we ARE late on shipping, we'll let you know why and give you a nice gift for your trouble. Thirdly, take a look at our track record versus other lapping kit sellers. We have a strong history of positive reviews which can be found [here](#). Fourthly, there are a couple of competitors out there that are simply giving bad advice and instructing their customers to perform lapping using poor methods. We want you to have a successful and satisfying lapping experience. Finally, we buy stuff online as well – we'll treat you the way we like to be treated ourselves.

**Q. You gave a buddy of mine a free kit! How can I get one?**

- A. EasyPCKits will occasionally give out "scholarships" online via the forums. Keep an eye on the cooling/lapping threads and maybe you'll get lucky. We generally give out several per month.

**Q. How can I get an evaluation sample kit for review on my website?**

- A. We love to give out samples to legitimate hardware and gaming review sites. Simply drop us an email and let us know your plans and review methodology; requestors need to be listed as a contributor on the website. Do keep in mind that there is a reasonable limit on how many kits we send out for review each month and that we simply can't fulfill all requests each month.

Feel free to drop us an email if you have any further questions! We're always glad to assist in any way we can.