

Coollaboratory Liquid Copper

The "Coollaboratory Liquid Copper" is a silicon-based heat conduction paste with highly containment of copper, which dissipates the heat between the components very good. To reach maximum cooling and a handling without difficulties, please study the manual of the Liquid Copper carefully. Please note that the installation of the Liquid Copper shall be conducted by manual, because at improper handling the system components can be damaged. For this purpose Coollaboratory assumes no liability.

Preparation

It is extremely important to clean both the CPU and the cooler - even if they are new. The surfaces must be free of dust and grease. In the case of insufficient cleaning, contact problems may occur between cooler and CPU. Therefore use for example the Coollaboratory Liquid Cleaning Set. If your cooler is equipped with a thermal pad, it needs to be removed before using the Liquid Copper.

How to apply "Coollaboratory Liquid Copper"

Add a small drop of Liquid Copper to your coolers centre. The exact amount depends on the size of Heatspreader, on the evenness of the contact areas and the thickness of the gap. Now spread the Liquid Copper Paste smoothly across the whole cooling block with the added plastic. Normally it is enough to apply the Liquid Copper on one surface. Now press the cooler onto the CPU. Do not turn or slide the contacting surfaces against each other. This way, air cushions could form between the corresponding surfaces, reducing the thermal effectiveness. Pressure from above is completely sufficient to form a thermal connection between the two surfaces. Now mount the cooler and its devices according to the manufacturer's instructions. Check the contact between CPU core and the cooler's surface. The cooler must rest flat and even on the CPU. The cooler's and CPU's edges should be parallel.

Attention: Make sure "Coollaboratory Liquid Copper" does not touch any electric components. This could lead to shortcuts when turning the computer's power on!

Removing the "Coollaboratory Liquid Copper"

Should you desire to remove the heat conduction paste from cooler and/or CPU, just wipe it off with a kitchen towel or a tissue soaked in cleaning liquid. (Coollaboratory Liquid Cleaning Set)

Please notice that the warranty of CPUs or coolers generally expires when another heat conduction medium than the manufacture of the components recommended is used. **You can find further information at www.coollaboratory.com.**