

TG Metal Polish & Restore

High Performance Cooling Solutions

TG Metal Polish & Restore is a specially developed polishing paste optimized for removing gallium residue. It is also suitable for cleaning copper, brass, chrome, and nickel surfaces in PC hardware and other technical applications. The cleaning paste removes oxidation residue and contaminants while polishing matte or tarnished areas. The result is smoother surfaces, clean metal surfaces, and increased surface shine. At the same time, TG Metal Polish & Restore provides temporary protection against oxidation.

The formulation of TG Metal Polish & Restore combines effective polishing performance with controlled abrasiveness for sensitive metal surfaces. The paste is based on a special surfactant technology that simplifies the removal of gallium-based liquid metal. The surfactant binds gallium and prevents it from re-adhering to the surface during cleaning. This allows liquid metal residue to be removed very effectively.

The practical set includes lint-free microfiber cloths that are clamped onto a polishing pen, allowing for controlled, precise, and clean application without the need for additional accessories. The large microfiber cloths (10 x 10 cm) can be used as full-size cloths for cleaning by hand or cut to size for use with the polishing pen, depending on the application.

Product-Specific Notes

- When cleaning silicon surfaces such as CPU dies or GPU chips, these sensitive components must be handled carefully and excessive pressure must be avoided.
- After use, the surface must be cleaned again until completely free of residue before applying liquid metal, for example with TG Cleaning Wipes or isopropyl alcohol.
- Do not use TG Metal Polish & Restore on painted or powder-coated surfaces.
- It is recommended to use the Polish & Restore Paste preferably by hand and with the included polishing pen.
- When used with power tools, such as a Dremel with a polishing attachment, excessive axial movement may cause the paste to lose adhesion to the polishing attachment. If mechanical or electric tools are used, care must be taken to ensure that the heat generated by friction does not exceed 60 °C.
- The cleaning cloths (25 x 100 mm) can be reused. When attaching the cloth, make sure that a clean section of the cleaning cloth is positioned on the head surface of the cleaning pen.
- Once opened, TG Metal Polish & Restore can be stored for up to 3 years. Protect from direct sunlight.



Scope of Delivery

- Polishing pen with integrated storage compartment
- 30 g polishing paste
- 10 x lint-free microfiber cloths (10 x 10 cm)
- 10 x lint-free microfiber cloths (10 x 2.5 cm)

Short Information

- Specially developed polishing paste for CPU dies and heatspreaders
- Effective polishing action while remaining gentle on materials
- Complete set with accessories for clean and precise application
- Lint-free microfiber cloths for sensitive hardware

Trademark Information

Thermal Grizzly is a registered trademark.

Please note

The data in this technical data sheet are based on our current knowledge and experience. Due to the large amount of possible factors, this should not be construed as to release the users from doing their own tests and screening. No legally binding assurance of specific properties or applicability for a concrete purpose should be derived from these data. Please consider contacting us for further detail. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

Technical data

Name:	Item number:	EAN code:	Packaging size:	*Net weight:	*Gross weight:
TG Metal Polish & Restore	TG-MPR-01	4260711993077	15,3 x 6,3 x 3,8 cm	97g	108g

*Net weight is the total weight of an article excluding the weight of packaging. The gross weight refers to the total weight of the product including accessories and packaging.
Slight weight deviations are possible due to production factors