

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 polishing paste removes oxidation residue and contaminants while polishing matte or tarnished areas. The result is smoother, cleaner 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 a polishing pen and lint-free microfiber cloths made from 80% polyester and 20% polypropylene. The cloths are secured to the polishing pen, allowing for controlled, precise, and clean application. Depending on the application, the large microfiber cloths (10 × 10 cm) can be used as full-size cloths for cleaning by hand or cut to size for use with the polishing pen.

The material blend combines the high strength and good abrasion resistance of polyester fibers with the oil-attracting properties of polypropylene. The polyester content contributes to the mechanical durability of the cloths during cleaning and polishing. Polypropylene has an affinity for oils and grease and can therefore help the cloths pick up these contaminants.

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

Scope of Delivery

TG Metal Polish & Restore

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

Product-Specific Notes

- When cleaning silicon surfaces, such as CPU dies or GPU chips, these sensitive components must be handled carefully. 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 apply TG Metal Polish & Restore manually using the included polishing pen.
- When used with power tools, such as a Dremel with a polishing attachment, the paste may come off the attachment. When using mechanical or power tools, ensure that the temperature at the contact area does not exceed 60 °C due to friction.
- The cleaning cloths (25 × 100 mm) can be reused. When attaching the cloth, make sure that a clean section is positioned on the polishing pen's head.
- Once opened, TG Metal Polish & Restore can be stored for up to 3 years. Protect from direct sunlight.

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
TG Polishing Cloths	TG-MPR-02	4260711993831	10,5 x 4,0 x 4,0 cm	34g	42g

*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



TG Polishing Cloths

TG Polishing Cloths are available as a separate refill pack for the TG Metal Polish & Restore set. The pack contains 20 lint-free microfiber cloths measuring 10 × 10 cm, made from 80% polyester and 20% polypropylene. The cloths are intended for cleaning and polishing in combination with TG Metal Polish & Restore. They can be used by hand on larger surfaces or cut to size for use with the polishing pen.

For use with the polishing pen, the cut cloth is placed over the pen's head and secured with the cap. This enables precise, controlled treatment of small contact surfaces. The cloths can be reused, provided that a clean section is positioned on the polishing pen's head. The refill pack allows used cloths to be replaced as needed while continuing to use the existing polishing pen and remaining polishing paste.

Scope of Delivery TG Polishing Cloths

- 20 × lint-free microfiber cloths (10 × 10 cm)

Trademark Information

Thermal Grizzly is a registered trademark.

Please note

The information in this technical data sheet is based on our current knowledge and experience. Given the many factors that may affect application, this information does not exempt users from conducting their own tests and assessments.

No legally binding assurance of specific properties or suitability for a particular purpose can be derived from this information. We reserve the right to change product specifications as a result of technical progress or further product development. Our recommendations do not relieve users of their responsibility to check for and, where necessary, resolve potential infringements of third-party intellectual property rights. Depending on the individual circumstances, we recommend contacting us. Printing errors are possible.