

## ARCTIC MX-7 (8g)

# ARCTIC MX-7 (8g) Thermal Paste Instruction Manual

Ultimate Performance Thermal Paste for CPUs, Consoles, Graphics Cards, Laptops, Processors

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## 1. PRODUCT OVERVIEW

The ARCTIC MX-7 is a high-performance thermal compound designed to optimize heat transfer between your processor (CPU/GPU) and its cooler. Its advanced formula ensures efficient cooling and long-term stability for various electronic devices.

- **Next-Level Thermal Performance:** Features a performance-optimized, dense, and highly viscous consistency with high filler content for exceptional heat transfer.
- **Long-Term Stability:** High cohesion prevents pump-out, dry-out, or bleeding, ensuring consistent performance without frequent reapplication.
- **Perfect Application:** Designed not to be spread manually. Its low adhesion allows the paste to distribute naturally under cooler pressure, forming a thin, uniform bond line without trapping air bubbles.
- **Safe for All Devices:** Electrically non-conductive and non-capacitive, making it safe for CPUs, GPUs, laptops, consoles, and other components without risk of short circuits or electrical discharge.

## 2. APPLICATION INSTRUCTIONS

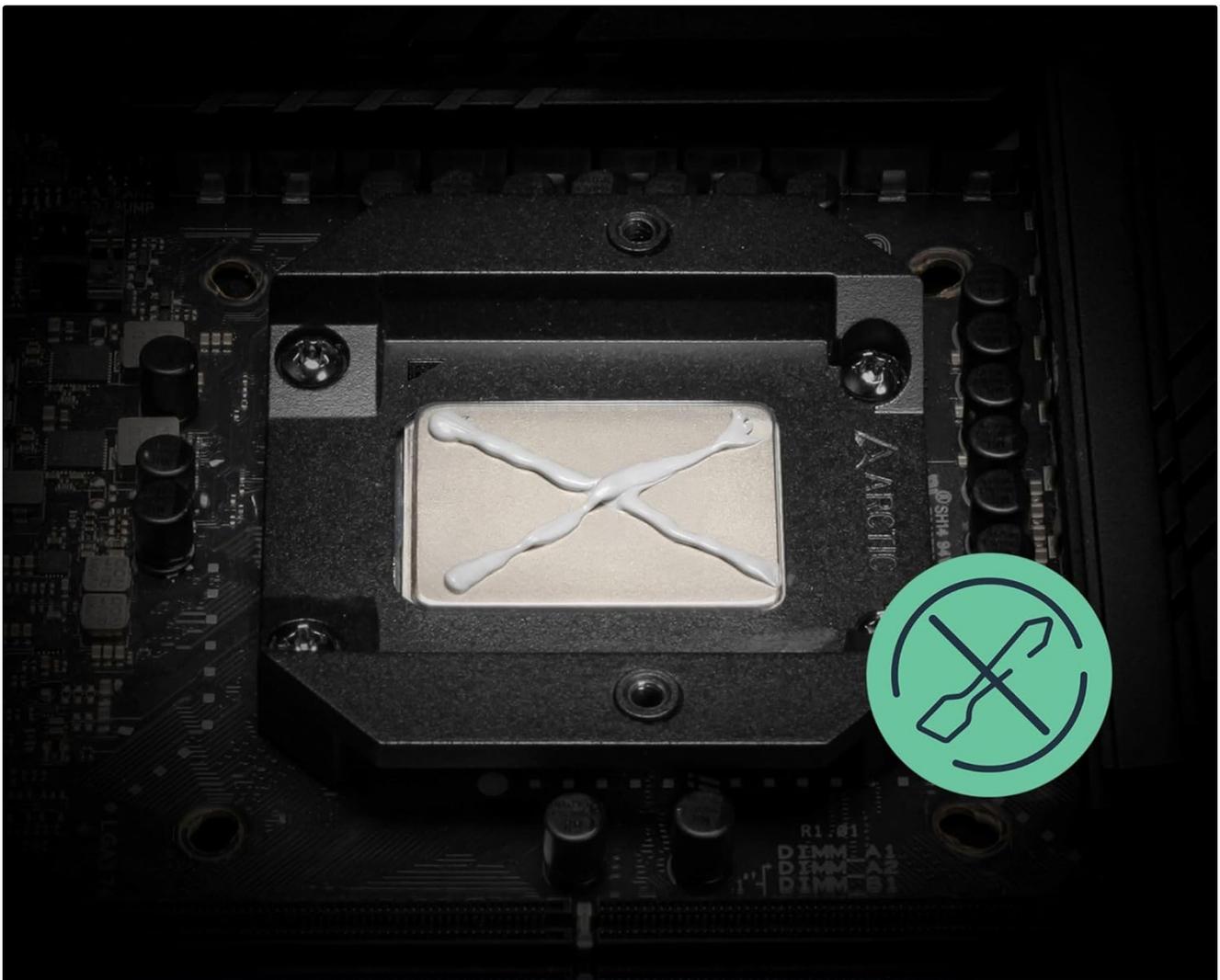
Proper application of thermal paste is crucial for optimal cooling performance. The ARCTIC MX-7 is designed for easy application without the need for manual spreading.

### 2.1 Preparing the Surface

Before applying new thermal paste, ensure that the surfaces of both the CPU/GPU and the cooler are clean and free of any old thermal compound or debris. Use a dedicated thermal paste cleaner or isopropyl alcohol for this step.

### 2.2 Applying the Thermal Paste

Apply the ARCTIC MX-7 directly onto the center of the CPU or GPU Integrated Heat Spreader (IHS) in a simple cross (X) pattern. The pressure from the cooler will evenly distribute the paste across the entire surface.



## Facile da applicare, senza necessità di stenderla manualmente

Figure 1: Apply ARCTIC MX-7 in an X-pattern on the CPU IHS.

The low adhesion of MX-7 ensures that the paste forms a thin, uniform layer when the cooler is mounted, preventing air bubbles and maximizing heat transfer.

### Easy Cross Application

Apply MX-7 in a simple cross pattern. The contact pressure of the cooler spreads the paste evenly across the entire surface, ensuring complete coverage and easy handling.

### Perfect Layer Spread

When mounted, the cooler distributes the thermal paste evenly across the entire contact surface, creating a thin, uniform layer without air pockets.

Fake? Check:  
**x.arctic.de**

1



Please enter the code on the syringe for verification at [x.arctic.de](https://x.arctic.de)

2



Figure 2: Low adhesion properties ensure a thin and uniform layer under cooler pressure.

## 2.3 Mounting the Cooler

Carefully place the cooler onto the CPU/GPU, ensuring even pressure. Secure the cooler according to its manufacturer's instructions. Avoid lifting and re-seating the cooler multiple times after initial contact, as this can introduce air bubbles.

## 3. CLEANING AND MAINTENANCE

Regular cleaning and reapplication of thermal paste are essential for maintaining optimal cooling performance over time. The ARCTIC MX Cleaner wipes are specifically designed for this purpose.

### 3.1 Removing Old Thermal Paste

To remove old thermal paste, use an ARCTIC MX Cleaner wipe or a soft, lint-free cloth with isopropyl alcohol. Gently wipe the surfaces of the CPU/GPU and the cooler until all residue is removed. Ensure the surfaces are completely dry before applying new thermal paste.



Figure 3: ARCTIC MX Cleaner wipes are ideal for effortless cleaning of old thermal paste.

## 4. PERFORMANCE AND SPECIFICATIONS

The ARCTIC MX-7 offers superior thermal conductivity, contributing to lower operating temperatures for your components.

### 4.1 Thermal Performance Comparison

Independent testing demonstrates the improved cooling capabilities of MX-7 compared to previous generations like MX-6 and MX-4.



Figure 4: Comparative CPU temperatures under load (Intel Core Ultra 9 285K @ 4.5 GHz, ~284 W | Ambient Temperature @ 25 °C). Lower temperatures indicate better performance.

### 4.2 Product Specifications

Feature	Specification
Brand	ARCTIC
Model	MX-7 (8g)

Feature	Specification
Compatible Devices	Desktop, Gaming Console, Graphic Cards, Laptop
Cooling Method	Thermal
Electrical Conductivity	Non-conductive
Capacitance	Non-capacitive
Product Dimensions	1"L x 0.6"W x 4.2"H
Item Weight	13.7 Grams

## 5. SAFETY INFORMATION

The ARCTIC MX-7 thermal paste is formulated to be safe for use with all electronic components.

- **Electrically Non-Conductive:** Eliminates the risk of short circuits or electrical discharge, even if it comes into contact with electrical components.
- **Non-Capacitive:** Does not store electrical charge, further enhancing safety.

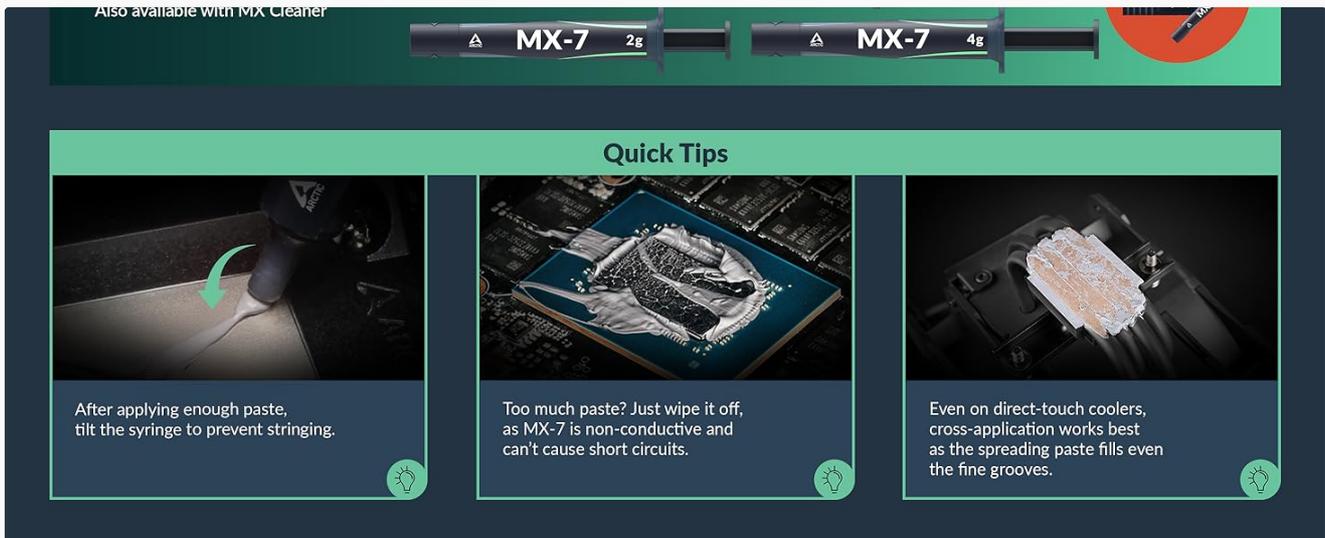


Figure 5: ARCTIC MX-7 is electrically insulating and non-capacitive for safe application.

Always handle thermal paste in a well-ventilated area. Keep out of reach of children and pets. In case of accidental ingestion or contact with eyes, seek medical attention immediately.

## 6. PRODUCT VARIANTS

ARCTIC MX-7 thermal paste is available in various sizes to suit different needs, including 2g, 4g, and 8g syringes. Some variants may also be bundled with MX Cleaner wipes for convenience.



### Quick Tips



After applying enough paste, tilt the syringe to prevent stringing.



Too much paste? Just wipe it off, as MX-7 is non-conductive and can't cause short circuits.



Even on direct-touch coolers, cross-application works best as the spreading paste fills even the fine grooves.



Figure 6: ARCTIC MX-7 is available in multiple variants, including bundles with MX Cleaner.

## 7. WARRANTY AND SUPPORT

ARCTIC provides a manufacturer's warranty for the MX-7 thermal paste. For specific warranty details, please refer to the product packaging or the official ARCTIC website.

For technical support, product inquiries, or assistance with any issues, please contact ARCTIC customer service. Contact information can typically be found on the product packaging or the ARCTIC official support page.

ARCTIC is committed to providing personal customer service and has many years of experience in supplying spare parts and support.