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|-----------------|--------------------------------------|
| Part #          | MT42501SP                            |
| Part name       | printer head for Domino 5580 Printer |
| Compatible with | For Domino                           |



### 1. What is a TTO Printhead?

A TTO (Thermal Transfer Overprinter) printhead is the core component of a thermal transfer overprinting machine. It is responsible for transferring text and graphics from a thermal transfer ribbon onto packaging films, labels, and other substrates using heat. The printhead determines the print quality and speed.

### 2. What are the common specifications of TTO printheads?

Common widths include:

- 32mm

- 53mm
- 107mm

The resolution is usually 300 dpi (dots per inch) or 600 dpi, and you can choose based on the specific machine model and printing requirements.

### **3. What is the lifespan of the printhead?**

Under normal usage, the lifespan of a TTO printhead is between 300,000 and 600,000 meters of printed material. The actual lifespan depends on factors such as:

- Printing temperature settings
- Printing pressure
- Quality of thermal transfer ribbons
- Roughness of the substrate surface

Regular maintenance is recommended to avoid scratches and dust buildup.

### **4. Which brands of TTO printers are compatible with this printhead?**

Our printhead is compatible with the following major TTO printer brands:

- Videojet
- Markem-Imaje
- Domino
- Zebra
- Linx
- Easyprint

To confirm compatibility with a specific model, please provide the printer model or send us a photo for verification.

### **5. How do I replace the TTO printhead?**

Follow these steps to replace the printhead:

1. Turn off the printer;
2. Open the printer cover and remove the old printhead;
3. Insert the new printhead and securely connect it;
4. Turn the printer back on and calibrate the printhead through the printer's menu;

5. Run a test print to verify the quality.

A detailed step-by-step guide with images is included in the packaging, and video tutorials are available upon request.

## **6. The print quality is unclear, is it a printhead issue?**

Not necessarily. Please check the following first:

- Are you using the correct thermal transfer ribbon and substrate?
- Is the printhead clean?
- Are the pressure and temperature settings correct?
- Is there any damage or residue on the printhead surface?

If the issue persists, contact our after-sales service team for further assistance.

## **7. How do I clean the TTO printhead?**

It is recommended to clean the printhead regularly with a lint-free cotton swab and special printhead cleaning fluid or isopropyl alcohol (IPA). Gently wipe the printhead surface to prevent ribbon residue or dust buildup. Cleaning each time you change the ribbon is ideal.

## **8. Does the printhead come with a warranty?**

Yes, we offer a 6-month warranty or 300,000 meters of printing length, whichever comes first. If the printhead is defective under normal use (excluding human damage), we will provide a free replacement. Damage from scratching or overheating is not covered by the warranty.

## **9. Can I bulk order or customize the printhead?**

Yes, we offer OEM/ODM services and bulk ordering options. For large orders, we provide special pricing. Please contact our sales team for a custom quote and further services.

## **10. Where can I purchase this product?**

You can purchase the product through:

- Our official website for online ordering
- Authorized distributors
- Contacting our customer service via WeChat or WhatsApp for quick quotes and technical support