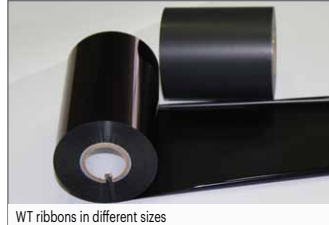
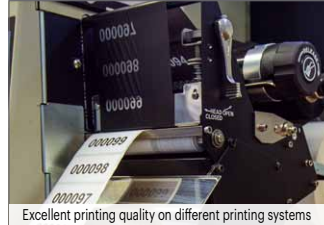


# WT2510 - Thermal Transfer Ribbon

The allrounder ribbon in resin quality



WT ribbons in different sizes



Excellent printing quality on different printing systems



On request you get individual roll sizes.



## General description

**Our WT2510 is a durable resin ribbon for Flat-Head printers.**

The innovative back coating provides unusual performance features. It is designed with special anti-static coating to protect and maximize the life of the print head. Resin ribbons generally are transferred under high printing energy and stand out due to a very long durability.

Please ask us for our stock width or refer to our TT-broschure.

## Base film

Polyesterfilm (Backcoating: silicon based - friction coefficient:  $K_d < 0.2$ )

## Base film thickness

4,5  $\mu\text{m}$  - ribbon thickness incl. ink < 9  $\mu\text{m}$

## Color

Black (coating can be inside or outside wound)  
Transfer density: >1.7 – this creates a high level of black

## Durability

### Print image

Rubtester: 939 g - printed on white polyester :

- Readable/no damage - >700 cycles with a drenched cloth\* - Water
- Readable/no damage - 120 cycles with a drenched cloth\* - Isopropyl alcohol
- Readable/no damage - 250 cycles with a drenched cloth\* - Motor oil
- Readable/no damage - 25 cycles with a drenched cloth\* - Ethanol
- Readable/no damage - 60 cycles with a drenched cloth\* - Mineral Spirit
- Not recommendend - Unleaded gasoline 98, brake fluid, acetone
- Readable/no damage - 200 cycles with a crockmeter 680g/cm<sup>2</sup> \* - Mechanical resistance
- Readable/no damage - resistance to UV-light\*

The printed image offers an excellent smudge and scratch resistance and good heat resistance, up to 180°C (356°F).

The optical appearance as well as the possible load of the imprint, however, are dependent on the selected self-adhesive material and the printing system.

## Environmental conditions

### Operating conditions

Optimal temperatur range 5°C - 35°C (41°F - 95°F) at 30% to 80% relative humidity.  
Avoid heat and direct sunlight during storage.

## Printing characteristics

### Suitable materials

Polyesterfilm; PVC-film; PE-film; PP-film; Acrylicfilm; synthetic or coated paper

### Characteristics

Print speed up to 250mm/sec (10 in/sec) with consistent high print quality.  
The melting point of the ink is at approx. 80°C (176°F)

### Approvals

This ribbon is UL (MH25096) approved with a variety of materials.

- EC-Regulation 1907/2006 [REACH]
- EC-Directive 2015/863/EU [RoHS III]
- EC-Directive 2002/96/EC (WEEE)
- EC-Directive 1935/2004/EC [Food]

The ribbon does not contain any substance classified as dangerous for health.

This information is based on present experience and is non-binding. Only the user knows the special conditions, under which the product is used. Please check data using your own test methods. In general we guarantee the performance of this material for 2 years, storage under FINAT-standard specifications (21°C  $\pm$ 4°C, 50% r.H.  $\pm$ 10% r.H.) (\* Tested directly by the supplier - measured values may vary slightly when tested in a different environment)