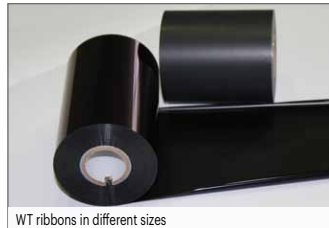
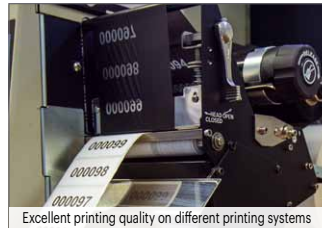


WT2380 - Thermal Transfer Ribbon

The wax/resin ribbon for economic feasibility



WT ribbons in different sizes



Excellent printing quality on different printing systems



On request you get individual roll sizes.



General description

Our WT2380 is a wax/resin ribbon for Flat-Head printers.

The mixing film made of wax and resin is particularly suitable for the printing on smooth surfaces of paper, however, also can be used for printing synthetic label material. It is designed with standard anti-static and back coat properties to protect and maximize the life of the print head.

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

Base film

Polyesterfilm (Backcoating: silicon based - friction coefficient: $K_d < 0.1$)

Base film thickness

$4,5 \mu\text{m} \pm 0,4 \mu\text{m}$

Color

Black (coating can be inside or outside wound)
Transfer density: >1.2 – this creates a good level of black

Durability

Print image

Readable according to ANSI equal/more than quality B - resistance to smear and heat (30°C)*
Readable according to ANSI equal/more than quality C - resistance to penscanner * [50 times]
Readable according to ANSI equal/more than quality B - resistance to water * [24 h in water]
Readable according to ANSI equal/more than quality B - resistance to UV-light *
Readable according to ANSI equal/more than quality D - resistance to solvent (alcohol, oil...)*

The generated print image is durable against water-based cleaners, weak acids and weak basis. In addition to the chemical durability, the print image is limited scratch and wipe resistant. 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 5-35°C (41F-95°F) at 30% to 80% relative humidity.
Avoid heat and direct sunlight during storage.

Printing characteristics

Suitable materials

Polyesterfilm; PVC-film; Synthetic or coated paper; Paper

Characteristics

Print speed up to 250 mm/sec (10 in/sec) with consistent high print quality.
Smear resistant up to +30°C (+86°F)
The melting point of the ink is at approx. 68°C (154°F)

Approvals

This ribbon is certificated by:

- EC-Regulation 1907/2006 [REACH]
- EC-Directive 2002/96/EC (WEEE)
- EC-Directive 2000/53/EC
- EC-Directive 2015/863/EU [RoHS III]
- EC-Directive 2003/11/EC
- ISO EN 71-3 (Toy Testing)

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 environmental)