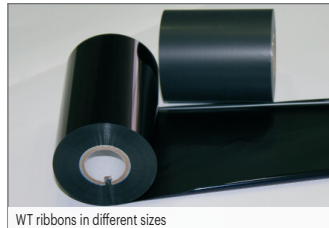
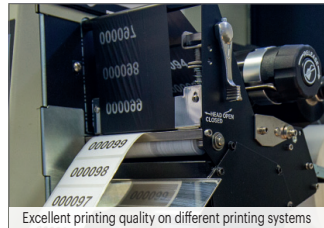


# WT2610 - Thermal Transfer Ribbon

The special resin ribbon for ultra chemical resistance



WT ribbons in different sizes



Excellent printing quality on different printing systems



On request you get individual roll sizes.

## General description

**Our WT2610 is a special resin ribbon for Flat-Head printers.**

This resin ribbon can be transferred only on selected materials under high printing energy. This type of resin shows an excellent scratching resistance. The printed image shows strong durability against the solvents such as the acetone, IPA and brake fluid. 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. For our stock width ask our sales department.

## Base film

Polyesterfilm (with backcoating - friction coefficient: < 0.050 \*)

## Base film thickness

PET-film: 4,5 µm ± 0,4 µm; Total thickness incl. color: < 9 µm

## Color

Black (color coating can be inside or outside)  
Transfer density: >1.5 \* - this creates a high level of black

## Durability

## Print image

Material 3105 2909 and 3205 2909 are printed with maximum burn temperature and low speed. Printed area were wiped 20 sec. with a cotton cloth soaked in the test solvent weighted with 500g :  
Image has much faded bars/characters are still readable - Petrol\*; n-Heptane\*  
Image has visibly faded bars/characters are readable - IPA\*; Ethanol\*; Acetone\*;  
Image has slightly faded bars/characters are readable - DOT4 Brake fluid\*  
Readable according to ANSI equal/more than quality B - resistance to smear and heat (100°C)\*  
Readable according to ANSI equal/more than quality B - resistance to penscanner \* [50 times]  
Readable according to ANSI by quality A - resistance to water [24 h in water] \*  
Readable according to ANSI by quality A - resistance to UV-light [Xenon-light (650W/m²)] \*

The printed image offers an excellent smudge and scratch resistance and good heat resistance, up to 250°C (482°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. The storage time of 2 years should not be exceeded.

## Printing characteristics

## Suitable materials

Polyesterfilm white: 3105 2909 / 3105 2905 / 3105 2903 and 3205 2909 (PET silver)

## Characteristics

Print speed up to 80 mm/sec (3 in/sec) with consistent high print quality.  
Melting point of the ink is approx. 112°C (233°F)

## Approvals

The ribbon does not contain any substance classified as dangerous for health and fulfils following specifications:

- EC-Regulation 1907/2006 [REACH]
- EC-Directive 2002/96/EC (WEEE)
- EC-Directive 2003/11/EC
- EC-Directive 2015/863/EU [RoHS III]
- EC-Directive 2000/53/EC [ELV]
- EC-Directive 76/769/EC

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 ±4°C, 50% r.H. ±10% r.H.) (\* Tested directly by the supplier - measured values may vary slightly when tested in a different environmental)