

# WT7240 - Thermal Transfer Ribbon

The ultra opaque resin ribbon in double white



WT ribbons in different sizes



Excellent printing quality on different printing systems



On request you get individual roll sizes.

## General description

**Our WT7240 is a ultra durable resin ribbon for Flat-Head printers.**

White ink ribbons are usually used to print on dark films. This resin film has two white layers, therefore a good opaque white is obtained. In addition to the opaque property, this ribbon shows good solvent and scratch resistance. Designed with our standard anti-static and backcoat properties to protect the printhead.

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

## Base film

Polyesterfilm (with anti-static backcoating)

## Base film thickness

4,8  $\mu\text{m}$   $\pm$  0,4  $\mu\text{m}$ ; ribbon thickness incl. ink 11,2  $\mu\text{m}$   $\pm$  1,0  $\mu\text{m}$

## Color

White - coating can be inside or outside wound.

The printing density: approx. - 2,0 - this creates a high level of white to read on dark surfaces.

## Durability

### Print image

Rubtester: 900 g - printed on clear polyester :

Readable/no visible damage - 500 cycles with a drenched cloth\* - Water; IPA

Readable/no visible damage - 200 cycles with a crockmeter\* - Mechanical resistance

Readable according to ANSI in quality A - resistance to water\* [24 h in water]

Readable according to ANSI more than quality B - scratch resistance\*

[50 cycles / 200 g stainless steel pointed tip]

The printed image offers an excellent smudge and scratch resistance. 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;

### Characteristics

Print speed up to 150 mm/sec (6 in/sec) with consistent high print quality.

Melting point of the ink approx. 80°C bis 90°C (176°F to 194°F)

### Approvals

This ribbon is UL (MH25096) approved with material 3003 1005. The ribbon does not contain any substance classified as dangerous for health and fulfils following specifications:

- EC-Regulation 1907/2006 [REACH]
- EC-Directive 2015/863/EU [RoHS III]
- EC-Directive 2002/96/EC (WEEE)
- EC-Directive 2001/59/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  $\pm$ 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)