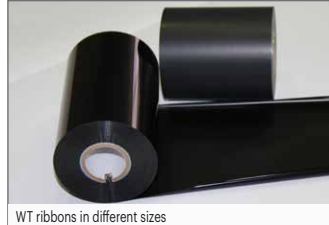
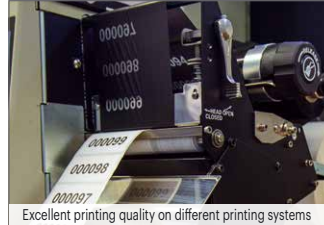


WT7100 - Thermal Transfer Ribbon

The high quality resin ribbon



WT ribbons in different sizes



Excellent printing quality on different printing systems



On request you get individual roll sizes.



General description

Our WT7100 is an ultra durable resin ribbon for Flat-Head printers.

This resin ribbon can be transferred only under high printing energy. For this reason this ribbon shows a good abrasion and scratching resistance. Our WT7100 ribbon has no substitute — it is the toughest resin ribbon on the market. It is the only resin ribbon capable of handling extreme environmental labeling with our unmatched scratch and solvent 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 7,5 $\mu\text{m} \pm 0,5 \mu\text{m}$

Color

Black (coating can be inside or outside wound)
Transfer density: >1.8 – this creates an extremely high level of black

Durability

Print image

Rubtester: 248 g - printed on white polyester :
 Readable/no visible damage - 500 cycles with a drenched cloth* - Water; IPA
 Readable/no visible damage - 100 cycles with a drenched cloth* - Brake fluid
 Readable/no visible damage - 80 cycles with a drenched cloth* - Kerosene
 Readable/no visible damage - 40 cycles with a drenched cloth* - Gasoline
 Readable/no visible damage - 400 cycles with a crockmeter* - Mechanical resistance
 Readable/no visible damage - resistance to UV-light*
 Readable according to ANSI in quality A - resistance to water* [24 h in water]
 Readable according to ANSI in quality A - scratch resistance* [50 cycles / 200 g stainless steel pointed tip]

The printed image offers an excellent smudge and scratch resistance and good heat 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 temperature range 5-35°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. 109°C (228°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 2001/59/EC
 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 ±4°C, 50% r.H. ±10% r.H.) (* Tested directly by the supplier - measured values may vary slightly when tested in a different environment)