



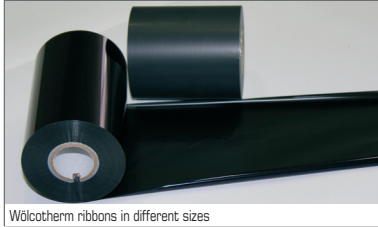
Wölcotherm 2510



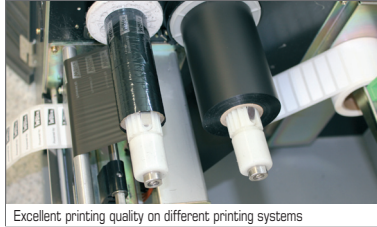
Ribbon for thermal transfer printing

IDENTIFICATION SYSTEM

The allrounder ribbon in resin quality



Wölcotherm ribbons in different sizes



Excellent printing quality on different printing systems



On request you get individual roll sizes.



General description

Our Wölcotherm 2510 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 Wölcotherm TT-broschure.

Base film

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

Base film thickness

4,5 μm

Color

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

Durability

Print image

Subtester: 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/cm² * - 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 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 2011/65/EU (RoHS)
• EC-Directive 2002/96/EC (WEEE) • EC-Directive 2003/11/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 \pm 2°C, 50% r.H. \pm 5% r.H.)
(* Tested directly by the supplier - measured values may vary slightly when tested in a different environmental)