



### THERMAL TRANSFER RIBBON

# PREMIUM

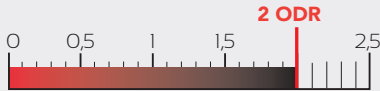
## RESIN FOR FLAT HEAD PRINTERS

- | COMPETITIVENESS
- | GOOD PRINTING QUALITY
- | RECEPTOR MULTI-COMPATIBILITY

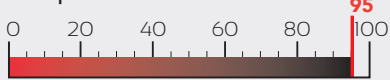
PREMIUM is a resin ribbon which combines competitiveness and performance. It is suited for the most demanding applications in terms of durability and cost.

#### PRINTING QUALITY

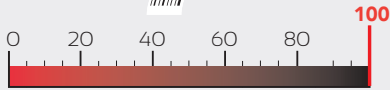
Blackness Macbeth D19C



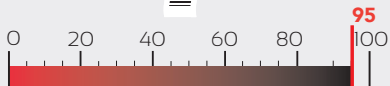
Sharpness



0°Barcode



90°Barcode

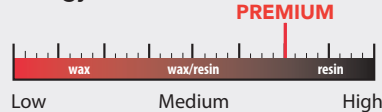


#### SENSITIVITY

Printing Speed



Energy



Receptor Compatibility

Uncoated papers	■
Coated papers	■ ■
High gloss papers	■ ■ ■
Synthetics	■ ■ ■

#### RESISTANCES

Mechanical Resistance

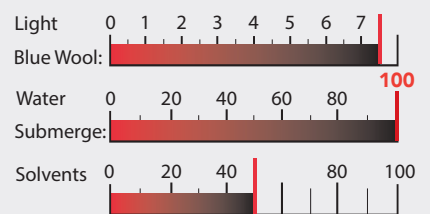
Crockmeter, 680 g/cm<sup>2</sup>. For reference only, no damage after 200 cycles



Heat Resistance



Other Resistances



Light	0 1 2 3 4 5 6 7	8
Blue Wool:	0 20 40 60 80	100
Water	0 20 40 60 80	100
Submerge:	0 20 40 60 80	100
Solvents	0 20 40 60 80	100

Rubtester: 939g, no damage after ... cycles :

IPA:	140	Ethanol:	25
Mineral Spirit:	50	Unleaded gasoline 98:	nr*
Motor oil:	250	Brake fluid:	nr*

\* not recommended

#### CONTACTS

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441 Brightside Lane, Sheffield, S9 2RS, South Yorkshire UK

## THERMAL TRANSFER RIBBON

# PREMIUM

## STANDARD RESIN FOR FLAT HEAD PRINTERS

### APPLICATION FIELDS

The characteristics of Premium answer the requirements of the following application fields:

- ◆ Rating plates
- ◆ Bottles
- ◆ Outdoor product
- ◆ Signage & logos
- ◆ Laboratory
- ◆ Electrical component
- ◆ Medical devices
- ◆ Bag of parts-products
- ◆ Tyre
- ◆ Mechanical part
- ◆ Plant marking
- ◆ Chemical
- ◆ Medicine packaging

### CERTIFICATIONS

- ◆ REACH / SVHC Free: 1907/2006/EC
- ◆ Food Contact Approved: 1935/2004/EC
- ◆ Heavy metals: 2002/95/EC
- ◆ California Proposition 65

### RIBBON SPECIFICATIONS

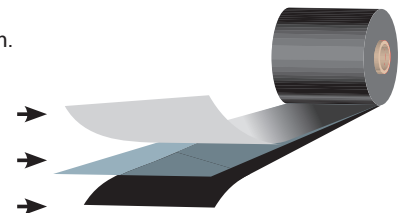
#### ◆ PET film:

Thickness: 4.5 µm.

Backcoating →

PET film →

Ink layer(s) →



#### ◆ Backcoating:

Silicon based.

Friction coefficient:  $K_d < 0.2$ .

#### ◆ Ink:

Resin.

Melting point: 80°C / 176°F (Manufacturer procedure).

#### ◆ Storage:

12 months, 5-35°C (40-95°F),  
20-80 % Humidity Rate.

#### ◆ Ribbon:

Thickness (black): < 9 µm.

The ribbon is anti static build-up treated.

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