

# US140

## THERMAL TRANSFER RIBBON

## RIBBON SPECIFICATION SHEET

# WAX/RESIN

### FLAT-HEAD

US140, the economy wax/resin TTR combines the benefit of both the low cost as Wax type and the high smudge resistance as Wax/Resin type, and anti-static has been treated completely.

### RIBBON SPECIFICATIONS

#### ● RIBBON

GRADE : WAX/RESIN, FLAT-HEAD  
COLOUR : BLACK  
THICKNESS : 7.5±0.5 µm  
Anti-static formulation ink

BASE FILM : POLYESTER (4.5±0.3 µm)  
BACK COAT : SILICONE BASED  
INK MELTING POINT : 80 °C

#### ● STORAGE AND USE

STORAGE : 0-40 °C (32-104 °F), 20-80 %RH  
USE : 5-35 °C (41-95 °F), 20-80 %RH

#### ● RECOMMENDED LABEL STOCK

Coated paper, Glossy paper, Synthetic paper  
PET

#### ● CERTIFICATIONS

HEAVY METALS : 2011/65/EC (RoHS)  
REACH : SVHC free  
HALOGEN-FREE : IEC 61249-2-21  
ISEGA CERTIFIED : Regulation (EC) no.1935/2004  
FDA  
BPA

\*Above documents are available upon request.

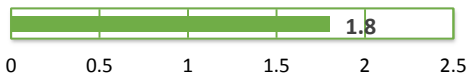
#### ● APPLICATION



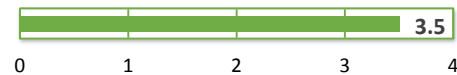
BARCODE

### RIBBON PERFORMANCE

IMAGE DENSITY (KONICA MINOLTA FD-5)



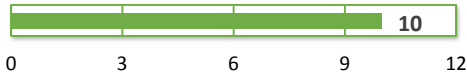
SCRATCH /SMUDGE RESISTANCE (ANSI)



Pressure: 1.96x10<sup>4</sup> Pa

Stroke Cycle: 300 cycles with corrugated paper

PRINT SPEED (inch/sec)



UV RESISTANCE (%)



168 hours exposed on UV test machine.

TRANSFER SENSITIVITY



SOLVENT RESISTANCE



\* The numerical value indicated on this sheet is catalog value, and is not guarantee value.

\* The information shown above is tentative and subject to change without notice.



## UNION CHEMICAL

## Global Network



ISO 9001  
JQA-1784

Japan: Union Chemical Co., Ltd.  
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