

US310

THERMAL TRANSFER RIBBON

RIBBON SPECIFICATION SHEET

RESIN FLAT-HEAD

US310 is a flat head resin ribbon, designed to provide a durable image on to plastic labels. It is optimised for resistance to scratching and smudging.

RIBBON SPECIFICATIONS

● RIBBON

GRADE : RESIN, FLAT-HEAD
COLOUR : BLACK
THICKNESS : $6.7 \pm 0.3 \mu\text{m}$
Anti-static formulation ink

BASE FILM : POLYESTER ($4.6 \pm 0.3 \mu\text{m}$)
BACK COAT : SILICONE BASED
INK MELTING POINT : $75 \text{ }^\circ\text{C}$

● STORAGE AND USE

STORAGE : $0-40 \text{ }^\circ\text{C}$ ($32-104 \text{ }^\circ\text{F}$), 20-80 %RH
USE : $5-35 \text{ }^\circ\text{C}$ ($41-95 \text{ }^\circ\text{F}$), 20-80 %RH

● RECOMMENDED LABEL STOCK

Silver Matte, Synthetic Paper, PET, PVC

● CERTIFICATIONS

HEAVY METALS : 2011/65/EU, (EU)2015/863
(RoHS, RoHS2.0)
REACH : SVHC free
ISEGA CERTIFIED : Regulation (EC) no.1935/2004
FDA
BPA

*Above documents are available upon request.

● APPLICATION



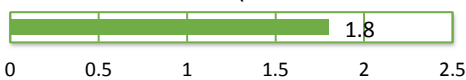
PHARMACEUTICAL



BARCODE

RIBBON PERFORMANCE

IMAGE DENSITY (KONICA MINOLTA FD-5)



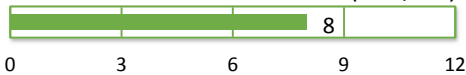
SCRATCH /SMUDGE RESISTANCE (ANSI)



Pressure: $1.96 \times 10^4 \text{ Pa}$

Stroke Cycle: 3,000 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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