



Thermal Transfer Ribbons

# US900

Wax  
Resin

Near Edge,  
TTO

TTO



US900 is a "Near Edge/Corner Edge" wax/resin ribbon. It has been designed to print on to a wide variety of label stocks. It can produce an impenetrable image with an excellent scratch and smudge resistance even when printing at speeds of up to 20 ips.

## RIBBON SPECIFICATION

### RIBBON

GRADE : WAX/RESIN, NEAR-EDGE/TTO  
COLOUR : BLACK  
THICKNESS : 7.0±0.3 µm  
Anti-static formulation ink  
BASE FILM : POLYESTER (4.5±0.3 µm)  
BACK COAT : SILICONE BASED  
INK MELTING POINT : 75 °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, PP, Nylon

### CERTIFICATIONS

HEAVY METALS : 2011/65/EU, (EU)2015/863 (RoHS, RoHS2.0)  
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

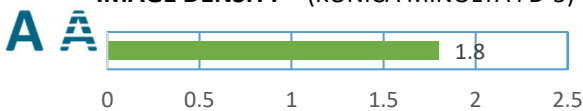


FLEXIBLE PACKAGE

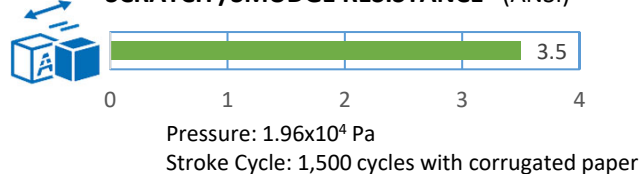


## RIBBON PERFORMANCE

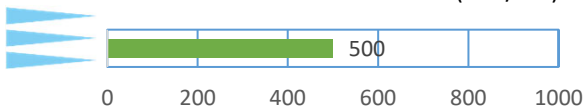
### IMAGE DENSITY (KONICA MINOLTA FD-5)



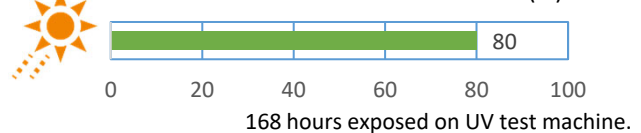
### SCRATCH /SMUDGE RESISTANCE (ANSI)



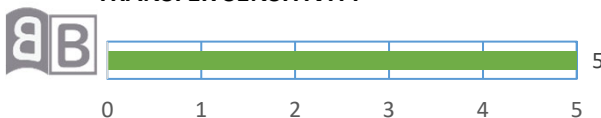
### PRINT SPEED (mm/sec)



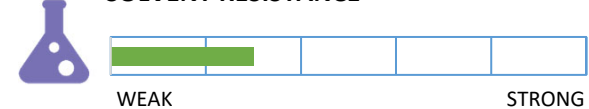
### UV RESISTANCE (%)



### 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

Japan : Union Chemical Co., Ltd.

United Kingdom : Union Chemical UK Limited

China (Shanghai) : Union Chemical (Shanghai) Co., Ltd.

Netherlands : Union Chemical Europe B.V.

China (Tianjin) : Union Chemical (Tianjin) Co., Ltd.

Germany : Union Chemical Deutschland GmbH

United States : Union Chemical America Inc.

India : Union Chemical India Pvt. Ltd.



ISO 9001  
JQA-1784

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