

# US900

## THERMAL TRANSFER RIBBON

## RIBBON SPECIFICATION SHEET WAX/RESIN NEAR-EDGE

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 SPECIFICATIONS

#### ● RIBBON

GRADE : WAX/RESIN, NEAR-EDGE  
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 PACKING



TAG

### RIBBON PERFORMANCE

IMAGE DENSITY (KONICA MINOLTA FD-5)

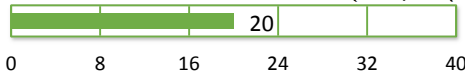


SCRATCH /SMUDGE RESISTANCE (ANSI)



Pressure: 1.96x10<sup>4</sup> Pa  
Stroke Cycle: 1,500 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.  
China (Shanghai): Union Chemical (Shanghai) Co., Ltd.  
China (Tianjin): Union Chemical (Tianjin) Co., Ltd.  
United States: Union Chemical America Inc.  
Mexico: Union Chemical Mexico S.A. de C.V.

United Kingdom: Union Chemical UK Limited  
Netherlands: Union Chemical Netherlands B.V.  
Germany: Union Chemical Deutschland GmbH  
Russia: Union Chemical Russia  
India: Union Chemical India Pvt. Ltd.

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