



Thermal Transfer Ribbons

# US550

Resin

Near Edge,

TTO



US550 is our standard “Near Edge/Corner Edge” resin ribbon. It has an excellent scratch and chemical resistance. This ribbon has been designed to print on to a wide variety of plastic label stock and can print directly on to food packaging.

## RIBBON SPECIFICATION

### RIBBON

GRADE : RESIN, NEAR-EDGE/TTO  
COLOUR : BLACK  
THICKNESS : 6.5±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

PET, PP, PE, Nylon, Synthetic Paper

### 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



FLEXIBLE PACKING

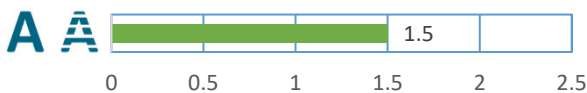


PHARMACEUTICAL

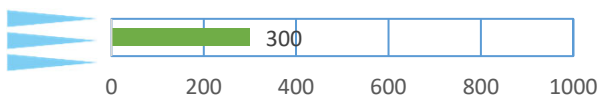


## RIBBON PERFORMANCE

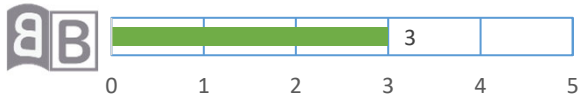
### IMAGE DENSITY (KONICA MINOLTA FD-5)



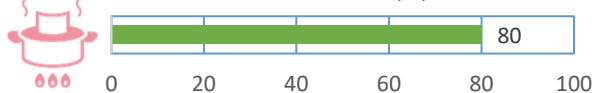
### PRINT SPEED (mm/sec)



### TRANSFER SENSITIVITY

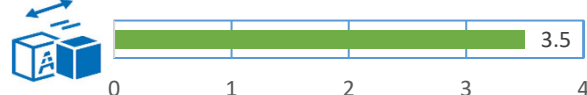


### BOIL RESISTANCE (%)



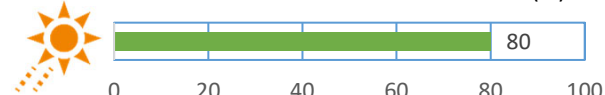
Pressurized Hot Water at 93°C for 60 minutes.

### SCRATCH /SMUDGE RESISTANCE (ANSI)



Pressure: 300g, Stroke Cycle: 1000 cycles with Stainless ball (SUS304, φ3.175mm), (HEIDON 14DR)

### UV RESISTANCE (%)



168 hours exposed on UV test machine.

### 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.



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