

US550

THERMAL TRANSFER RIBBON

RIBBON SPECIFICATION SHEET

RESIN NEAR-EDGE

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 SPECIFICATIONS

● RIBBON

GRADE : RESIN, NEAR-EDGE
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 61249-2-11
ISEGA CERTIFIED : Regulation (EC) no.1935/2004
FDA
BPA

*Above documents are available upon request.

● APPLICATION



FLEXIBLE PACKING



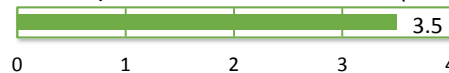
PHARMACEUTICAL

RIBBON PERFORMANCE

IMAGE DENSITY (KONICA MINOLTA FD-5)

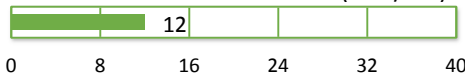


SCRATCH /SMUDGE RESISTANCE (ANSI)



Pressure: 300g, Stroke Cycle: 1,000 cycles with Stainless ball (SUS304, φ3.175mm), (HEIDON 14DR)

PRINT SPEED (inch/sec)



UV RESISTANCE (%)



168 hours exposed on UV test machine.

TRANSFER SENSITIVITY



SOLVENT RESISTANCE



BOIL RESISTANCE (%)



Pressurized Hot Water at 93 °C for 60 minutes.

* 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.
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China (Tianjin): Union Chemical (Tianjin) Co., Ltd.
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United Kingdom: Union Chemical UK Limited
Netherlands: Union Chemical Netherlands B.V.
Germany: Union Chemical Deutschland GmbH
Russia: Union Chemical Russia
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ISO 9001
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