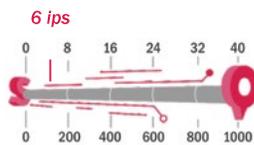


R-100 is an entry level resin. It is known for printing on Coated paper with low printing energy level, strong scratch resistance, good label adaptability.

Sensitivity

– Printing speed



– Printing temperature



Resistance Test

– Resistance test

Slight exposure begins after approx. **X** cycles with a 700GM weight load

Smudge resistance



cycles

Scratch resistance



cycles

Alcohol



cycles

95% Industrial alcohol

Gasoline



cycles

92 # Gasoline

Braking fluid



cycles

Bosch dot4 plus

– Water resistance test

With a printed label, soaked in 100°C water for 2 hours, observe its color fading



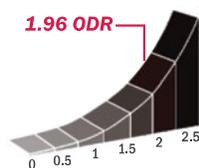
– Low-temperature test

With a printed label in a closed chest at -17°C for 20 hours, observe its stripping

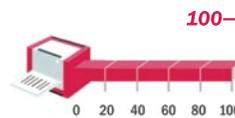


Printing Quality

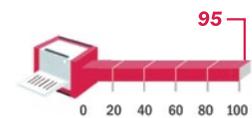
Darkness



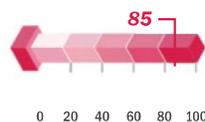
0° barcode



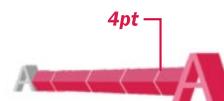
90° barcode



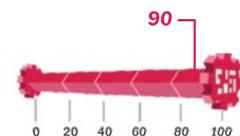
Sharpness



Min. printable character



Graphics



Substrate Compatibility

Recommended substrate grades

Uncoated Paper	Coated Paper	Synthetic Paper	Film labels
Writing paper, vellum ...	Art paper, art printing paper, high gloss paper ...	Synthetic paper	PP, PET, PE, BOPP, PVC ...



Properties

PET film

Thickness: 4.4 μm

Ribbon

Thickness: 6.5±0.3μm

Ink

Color: Black Melting point: 83±3°C

Storage Condition

Temperature: 5-35°C Humidity: 20-80%
Validity period: 12 months

CERTIFICATION



ISEGA



Recommended Applications

Fixed Asset



Pharmaceutical



Nursery Gardens & Flowers



Daily Chemicals



Electrical equipment



Mechanical Equipment



Chemical Industry



Steel & Iron Manufacturing



Digital & Electronic Labels



Clothing Tags



Logistic



Food & Beverage



Production Lines



Automobile Industry



Warehouse



Retails Label



Wooden Products



Flexible Packaging

