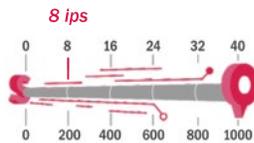




ECO NK 21 is an enhanced wax-resin ribbon that offers excellent scratch resistance and image quality comparable to resin ribbons. This ribbon has a vast substrate multi-compatibility and works well in adverse environments such as low-temperature storage and high-temperature sterilization.

Sensitivity

– Printing speed



– Printing temperature



Resistance Test

– Resistance test

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

Smudge resistance



Scratch resistance



Alcohol



95% Industrial alcohol

Gasoline



92 # Gasoline

Braking fluid



Bosch dot4 plus

– Water resistance test

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



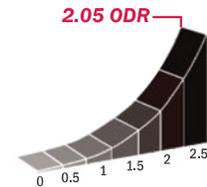
– Low-temperature test

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

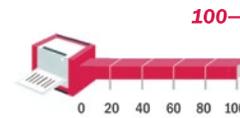


Printing Quality

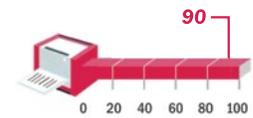
Darkness



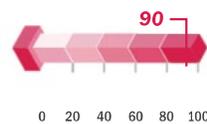
0° barcode



90° barcode



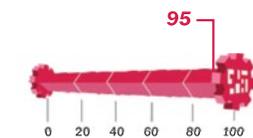
Sharpness



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: 4.5 µm

Ribbon

Thickness: 8.5±0.3µm

Ink

Color: Black Melting point: 83±3°C

Storage Condition

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

CERTIFICATION



Recommended Applications

Fixed Asset



Pharmaceutical



Nursery Gardens & Flowers



Daily Chemicals



Electrical equipment



Mechanical Equipment



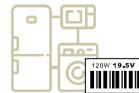
Chemical Industry



Steel & Iron Manufacturing



Digital & Electronic Labels



Clothing Tags



Logistic



Food & Beverage



Production Lines



Automobile Industry



Warehouse



Retails Label



Wooden Products



Flexible Packaging

