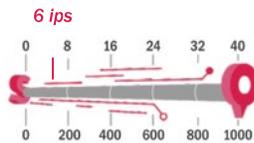


**KX111** is a premium enhanced wax ribbon that offers excellent scratch resistance, low print energy consumption and superior print quality.

### 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



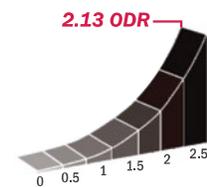
#### – Low-temperature test

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

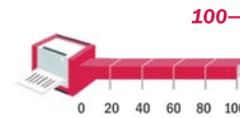


### Printing Quality

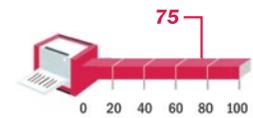
#### Darkness



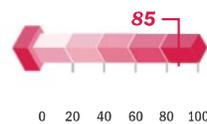
#### 0° barcode



#### 90° barcode



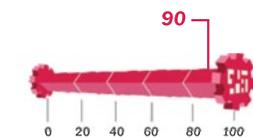
#### Sharpness



#### Min. printable character



#### Graphics



### Substrate Compatibility

#### Recommended substrate grades

**Uncoated Paper**  
Writing paper, vellum ...

**Coated Paper**  
Art paper, art printing paper, high gloss paper ...

**Synthetic Paper**  
Synthetic paper

**Film labels**  
PP, PET, PE, BOPP, PVC ...



## Properties

### PET film

Thickness: 4.4 µm

### Ribbon

Thickness: 7.3±0.3µm

### Ink

Color: Black Melting point: 72±3°C

### Storage Condition

Temperature: 5-40°C Humidity: 20-80%  
Validity period: 12 months

## CERTIFICATION



## Recommended Applications

Fixed Asset



Pharmaceutical



Nursery Gardens & Flowers



Daily Chemicals



Electrical equipment



Mechanical Equipment



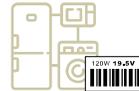
Chemical Industry



Steel & Iron Manufacturing



Digital & Electronic Labels



Clothing Tags



Logistic



Food & Beverage



Production Lines



Automobile Industry



Warehouse



Retails Label



Wooden Products



Flexible Packaging

