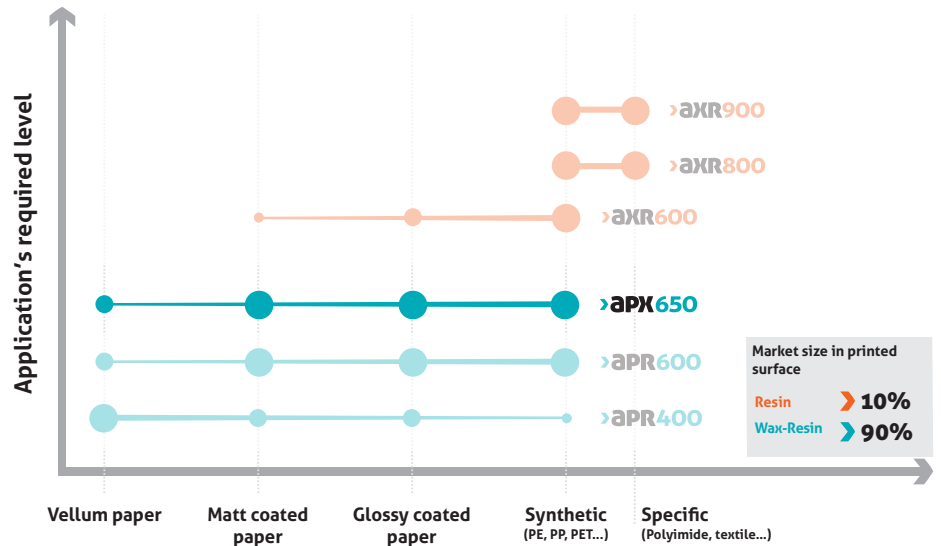# ›aPX650

Very high resistance to smudge and scratch
Excellent sensitivity and receptor multi-compatibility
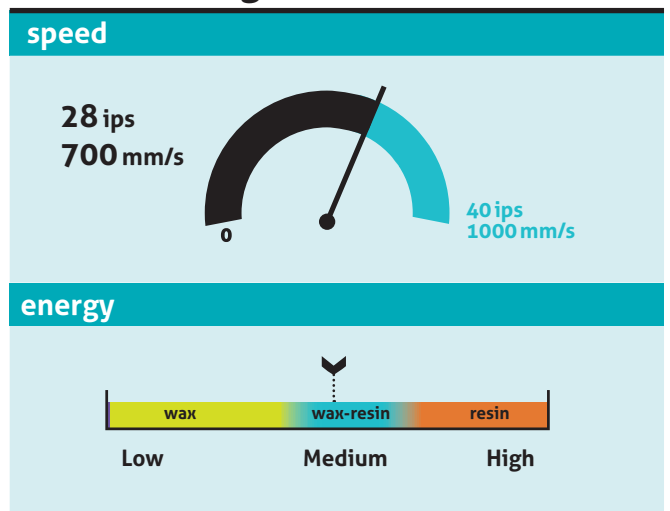**Very good printing quality at high speed**

APX®650 is a high performance wax/resin ribbon for Corner Edge and Near Edge printers, providing a printing quality and mechanical resistance exceeding the market standards. These high performances contribute to secure your applications.
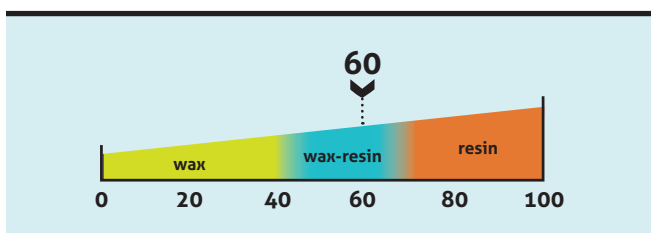
Application's required level

›aXR900
›aXR800
›aXR600
›aPX650
›aPR600
›aPR400

| Vellum paper | Matt coated paper | Glossy coated paper | Synthetic (PE, PP, PET...) | Specific (Polyimide, textile...) |

Market size in printed surface
Resin › **10%**
Wax-Resin › **90%**

Printing receptor

papers		synthetics	
Vellum	●●○	PP	●●●
Coated	●●●	PE	●●●
Glossy coated	●●●	PET	●●●

Print resistance

60

wax | wax-resin | resin

0 20 40 60 80 100

Printer settings

speed

28 ips
700 mm/s

0

40 ips
1000 mm/s

energy

wax | wax-resin | resin

Low | Medium | High

Compliant with the following regulations

REACH / SVHC 1907/2006/EC
Food Contact 1935/2004/EC
Heavy metals 2011/65/EU
California Proposition 65
Halogen restrictions

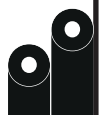## Your ribbon identity

Colours: ● ●

Length (m): ....

Width (mm): ....

Part number: ....

Your distributor: ....

Contact : ....

Application fields
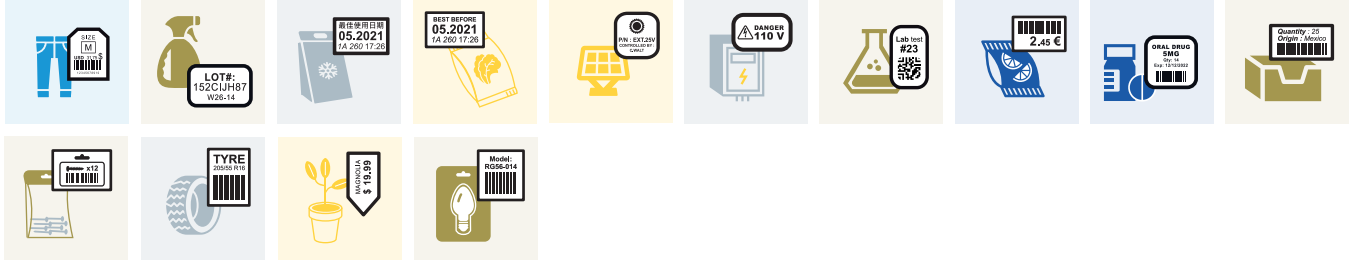
Product performance

print quality

90°Barcode	**85** /100	Small characters	**90** /100	Logos	**95** /100
0°Barcode	**100** /0	2D Barcode	**98** /100	Blackness *Optical Density by Reflection, measured using a densitometer.	**1,7 ODR*** /2,5

technical resistances

Heat	**110°C 230°F** /300°C 572°F	Light/Blue Wool	**>7** /0	Solvents	**100** /0
Water/Submerge	**100** /0	Rubbing	**80** /100		

Product physico-chemical features

product structure

Ink layer(s)   PET film   Backcoating

PET film	Thickness: 4,5 µm	
Ink	Wax-Resin	
Melting point		85°C/185°F
Backcoating		Silicon based
Coefficient of Friction		Kd < 0.2
Ribbon thickness		**< 9 µm**
The ribbon is anti static build-up treated		
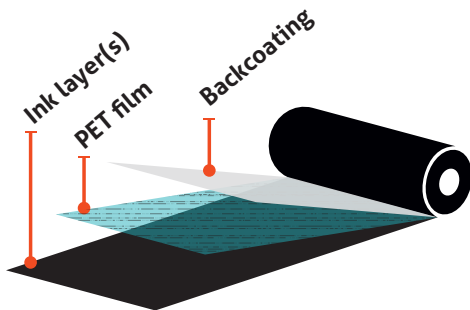
Storage

storage conditions

12 months recommended

20-80 % Humidity Rate, 5-35°C (40-95°F)

Waste management

inkanto rolls and their packaging allow an optimised waste management. For more information please contact ARMOR.

The inkanto benefits

> **Warranty**
This product is guaranteed for life against any manufacturing defect in normal conditions of use and storage.

> **Quality commitment**
Easy to use with guaranteed product performance: the certificate of conformity for your product can be accessed via the flashcode on the box.

> **Easy to identify products:**
The inkanto rolls families are identified by color codes. The roll labels highlight the important information about the product.

> **Your product is delivered with a cleaning wipe**
To clean the print head and maintain the maximum performance of your printer.

> **Packing**
Consistent packaging units depending on the roll dimensions.

A certified and approved production site

Quality, health & safety and environmental systems:
ISO 9001
OHSAS 18001
ISO 14001
ISO 50001 (France only)

Responsible Care
The charter of the International Council of Chemical Associations for improvements in health & safety and the environment.

Global Compact
UN initiative inviting companies to apply fundamental ethical and environmental values.