›APR600

Excellent sensitivity and receptor multi compatibility

very good printing quality at high speed and sharpness of 90°

Very high resistance to smudge

APR® 600 is the worldwide reference of premium ribbons for Corner Edge and Near Edge printers. It is the standard ribbon in inkanto's wax/resin range. Its performance (speed, sensitivity, versatility, blackness) provides a perfectly adapted answer to a large majority of applications.

Application's required level

›axR900
›axR800
›axR600
›apx650
›apr600
›apr400

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

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

Printing receptor

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

Print resistance

50

wax | wax-resin | resin

0   20   40   60   80   100

Printer settings

speed

32 ips
800 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: ....
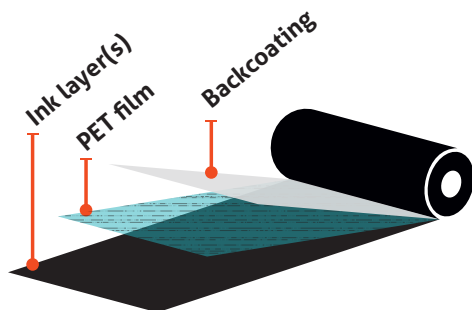
Contact : ....

›aPR600

Application fields

Product performance

print quality

90°Barcode	80 / 100	Small characters	90 / 100	Logos — 95 / 100
0°Barcode	100	2D Barcode	90 / 100	Blackness — 2,2 ODR* *Optical Density by Reflection, measured using a densitometer. 0 – 2,5

technical resistances

Heat	100°C 212°F (0 – 300°C / 572°F)	Light/Blue Wool	>7 / 0	Solvents — 0 / 100
Water/Submerge	0 / 100	Rubbing	70 / 100	

Product physico-chemical features

product structure

Ink layer(s) — PET film — Backcoating

PET film	Thickness: 4,5 µm	
Ink	Wax-Resin	
Melting point		80°C/176°F
Backcoating		Silicon based
Coefficient of Friction		Kd < 0.2
Ribbon thickness		< 8 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.

inkanto.

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.