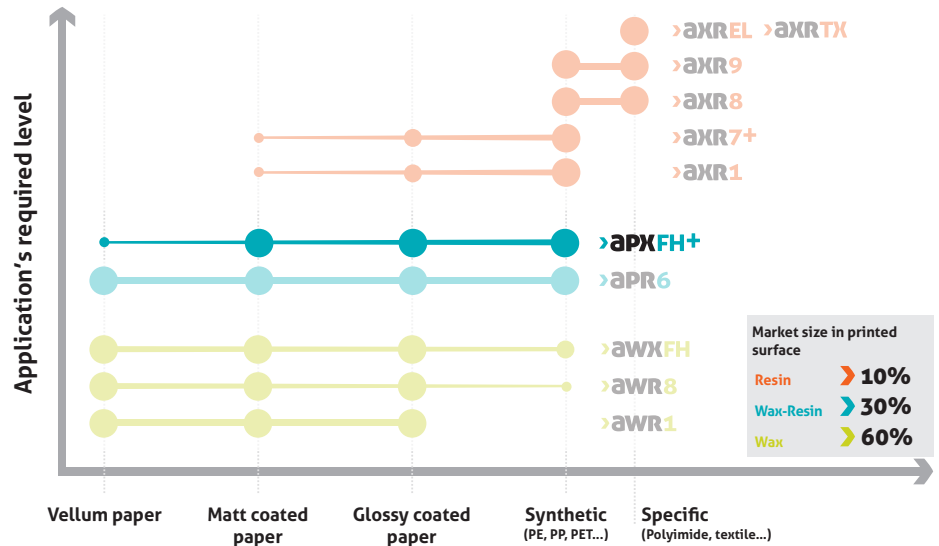# ›APX FH+

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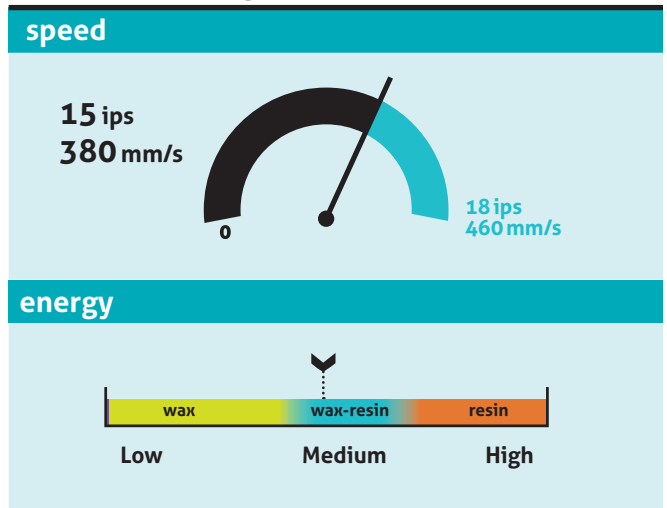- Very good printing quality at high speed

APX®FH+ is a high end wax/resin ribbon providing a printing quality and mechanical resistances **exceeding the market standards.** It ensures an excellent quality of transfer at low energy on all smooth materials, coated papers as well as synthetics.
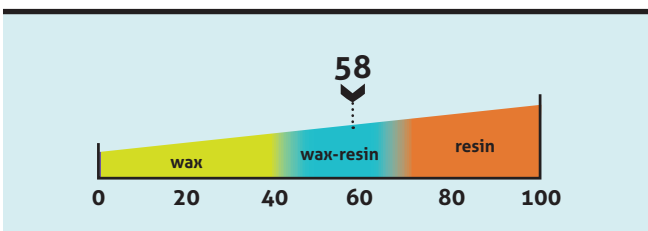
Application's required level

›axREL   ›axRTX
›axR9
›axR8
›axR7+
›axR1

›APXFH+
›aPR6

›awXFH
›awR8
›awR1

Market size in printed surface	
Resin	› 10%
Wax-Resin	› 30%
Wax	› 60%

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	● ● ●

Printer settings

speed

15 ips
380 mm/s

0

18 ips
460 mm/s

energy

wax | wax-resin | resin

Low | Medium | High

Print resistance

58

wax | wax-resin | resin

0   20   40   60   80   100

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 : ....

WAX-RESIN FOR FLAT HEAD PRINTERS

›apXFH+

Application fields
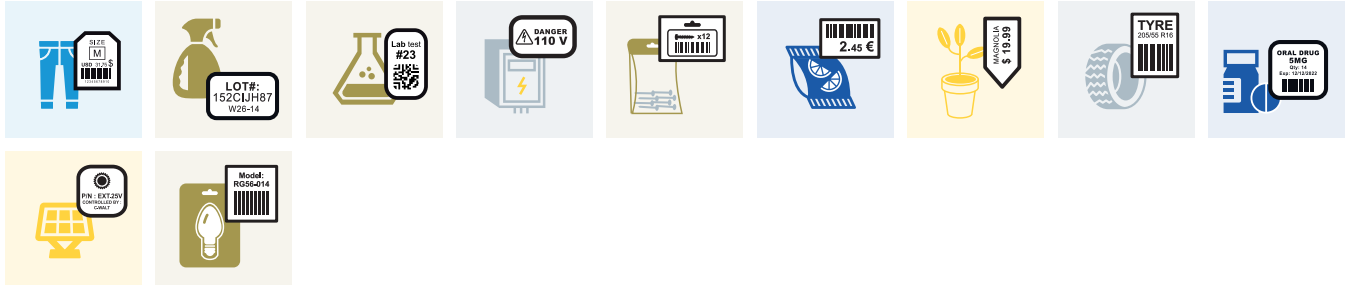
Product performance

print quality

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

technical resistances

Heat	150°C 302°F / 0–300°C 572°F	Light/Blue Wool	>7 / 0	Solvents	0–100
Water/Submerge	100 / 0	Rubbing	70 / 0–100		

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		
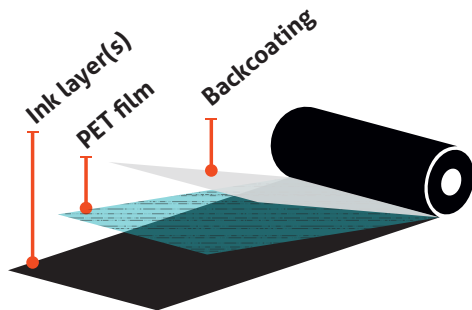
Storage

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.