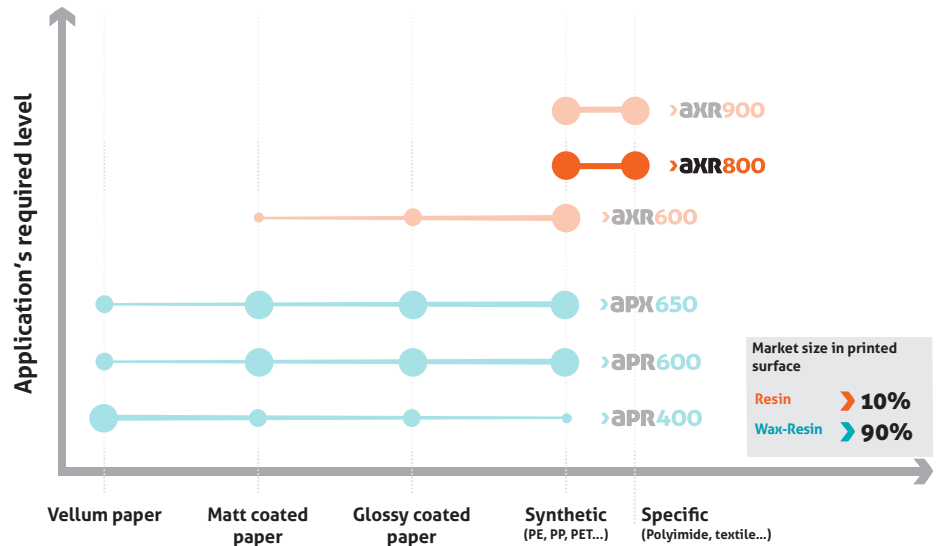# ›aXR800

Excellent resistance to solvents and to high temperature

Excellent resistance to smudge and scratch

Excellent printing quality

AXR®800 is a high performance resin ribbon for Corner Edge and Near Edge printers, designed for the most demanding applications regarding resistance to mechanical aggressions and/or heat and/or solvents.

It is fully compatible with the label materials dedicated to the same high performance applications.
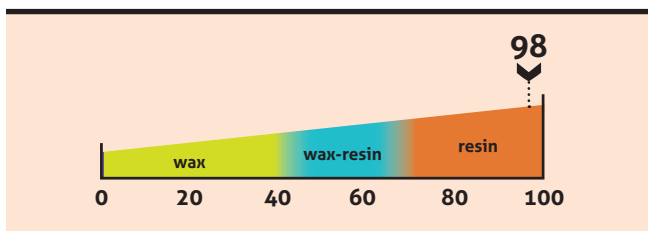

Application's required level

›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

synthetics		specific	
PP	●●●	Polyimide	●●●
PE	●●●	Acrylate	●●●
PET	●●●		

Print resistance

98

wax — wax-resin — resin

0   20   40   60   80   100
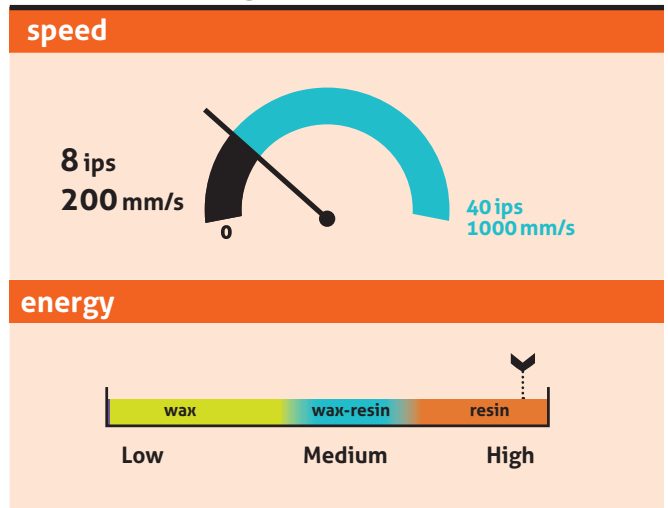
Compliant with the following regulations

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

Printer settings

speed

8 ips
200 mm/s

0

40 ips
1000 mm/s

energy

wax — wax-resin — resin

Low   Medium   High

Your ribbon identity

Colours: ●

Length (m): ....

Width (mm): ....

Part number: ....

Your distributor: ....

Contact : ....
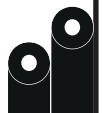
›aXR800

Application fields

Product performance

print quality

90°Barcode	95	Small characters	95	Logos	95
0°Barcode	100	2D Barcode	100	Blackness	1,6 ODR*

*Optical Density by Reflection, measured using a densitometer.

technical resistances

Heat	250°C 482°F / 300°C 572°F	Light/Blue Wool	>7	Solvents	80
Water/Submerge	100	Rubbing	95		

Rubtester: 939g, no damage after ... cycles :

IPA:	200	Ethanol:	50
Mineral Spirit:	70	Unleaded gasoline 98:	10
Motor oil:	250	Brake fluid:	10

Product physico-chemical features

product structure

Ink layer(s)
PET film
Backcoating

PET film	Thickness: 4,5 μm	
Ink	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.

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.