inkanto®

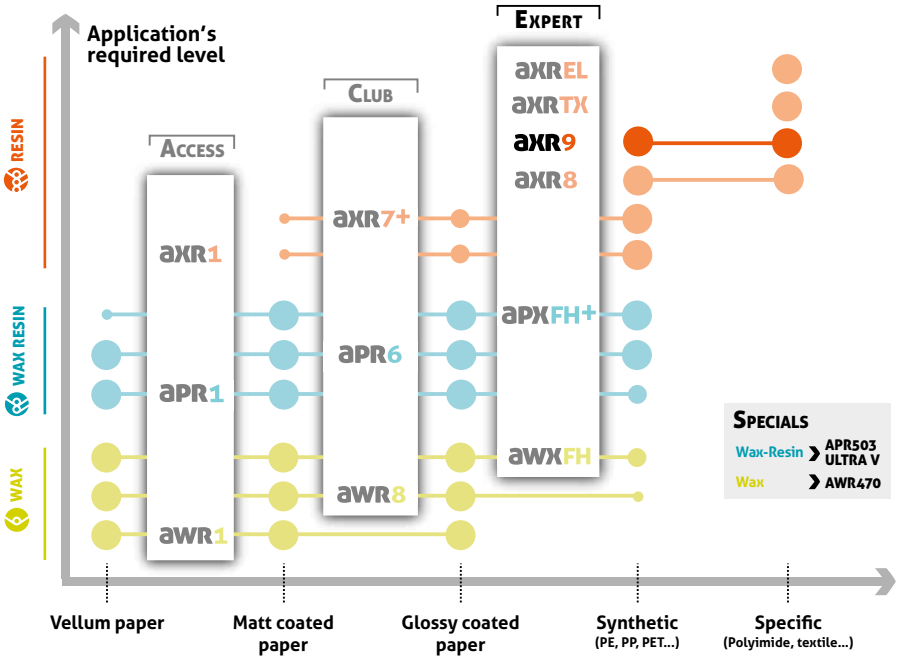
Thermal Transfer by ARMOR

# RESIN FOR FLAT HEAD PRINTERS

# › AXR9

**Excellent printing quality on textile materials**
**Excellent resistance to some solvents and detergents**
**Very good resistance to heat**

**AXR®9 is a resin ribbon initially designed for the textile label printing market.**
It can also represent a relevant solution for niche resin applications (involving for example sterilization or resistance to some solvents) which are not satisfied by other resin ribbons.



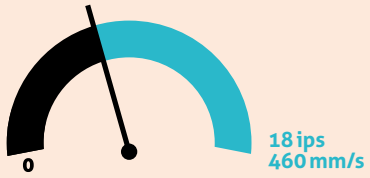

## Printing receptor

| synthetics | | specific | |
|---|---|---|---|
| PP | ●●● | Cotton | ●●● |
| PE | ●●● | Acetate | ●●● |
| PET | ●●● | Nylon | ●●● |
| | | Satin | ●●● |

## Printer settings

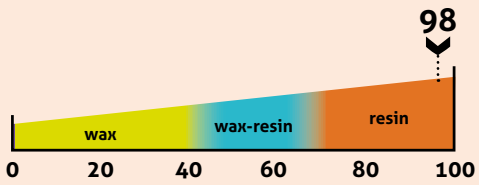
**speed**

8 ips
200 mm/s




**energy**

## Print resistance




## Compliant with the following regulations

| | |
|---|---|
| **REACH / SVHC** | 1907/2006/EC |
| **Food Contact** | 1935/2004/EC |
| **Heavy metals** | 2011/65/EU |
| **California Proposition 65** | |
| **UL 969** | |

## Your ribbon identity

**Colours:** ●

**Length (m):** .....

**Width (mm):** .....

**Part number:** .....

**Your distributor:** .....

**Contact :** .....

# RESIN FOR FLAT HEAD PRINTERS

# ›axr9

## Application fields

## Product performance

### print quality

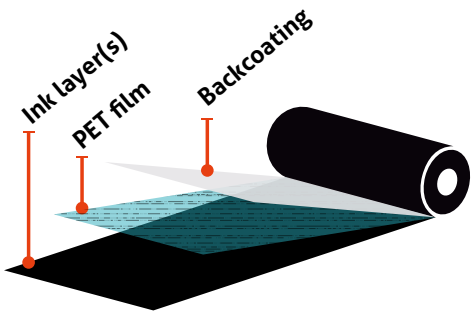
| | | | | | |
|---|---|---|---|---|---|
| 90°Barcode | 95 | Small characters | 95 | Logos | 95 |
| 0°Barcode | 100 | 2D Barcode | 98 | Blackness<br>*Optical Density by Reflection, measured using a densitometer. | 1,6 ODR* |

### technical resistances

| | | | | | |
|---|---|---|---|---|---|
| Heat | 200°C 392°F | Light/Blue Wool | >7 | Washing: | |
| Water/Submerge | 100 | Rubbing | 100 | Home: 90<br>Industrial: 90<br>Dry cleaning: 85<br>Bleach: 80<br>Ironing: 85 | |

## Product physico-chemical features

### product structure




| | |
|---|---|
| **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** | < 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.

02/20