

SUPER PREMIUM RESIN FOR FLAT HEAD PRINTERS

**EXCELLENT PRINTING QUALITY  
ON TEXTILE MATERIALS**

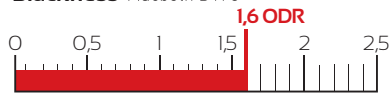
**EXCELLENT RESISTANCE  
TO WASHES AND DRY CLEANING**

**VERY GOOD RESISTANCE TO IRONING**

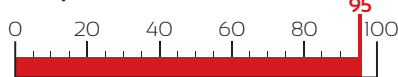
AXR<sup>®</sup>9 is a resin ribbon designed for the textile label printing market. It can also represent a relevant solution for niche resin applications (involving for example sterilization or resistance to some solvents) which are not satisfied by other resin ribbons.

### PRINTING QUALITY

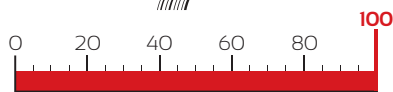
**Blackness** Macbeth D19C



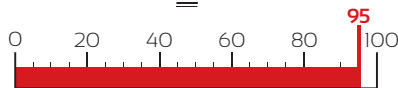
**Sharpness**



**0°Barcode**

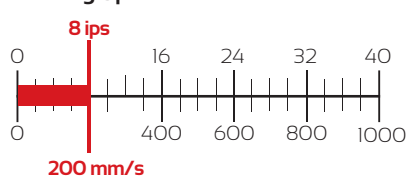


**90°Barcode**

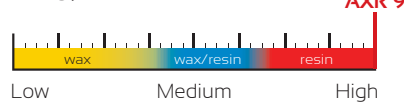


### SENSITIVITY

**Printing Speed**



**Energy**

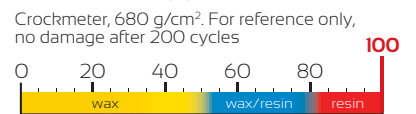


**Receptor Compatibility**

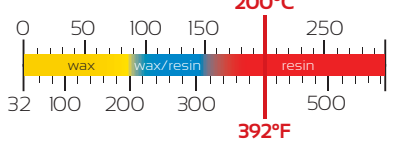
Uncoated	
Coated	●
High gloss	● ●
Synthetics	● ● ●
Cotton	● ● ●
Acetate	● ● ●
Polyester	● ● ●

### RESISTANCES

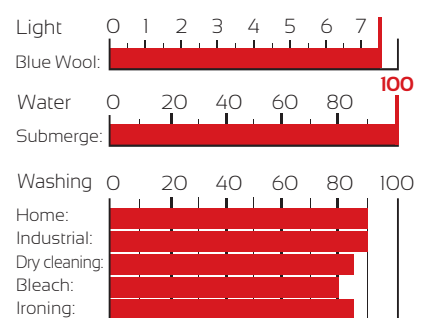
**Mechanical Resistance**



**Heat Resistance**



**Other Resistances**



AWR<sup>®</sup>8

AWR<sup>®</sup>470

AWX<sup>®</sup>FH

APR<sup>®</sup>6

APX<sup>®</sup>FH+

AXR<sup>®</sup>7+

AXR<sup>®</sup>8

AXR<sup>®</sup>9

complementary — SOLVENT RESISTANCE  
complementary — MATERIAL COMPATIBILITY  
lower — TEXTILE APPLICATIONS

## APPLICATION FIELDS

The characteristics of AXR<sup>®</sup>9 answer the requirements of the following application fields:

(If your application is not among the ones below, please contact us.)



## RIBBON SPECIFICATIONS

### Backcoating:

Silicon based.  
Friction coefficient:  
Kd < 0.2.



### Ink:

Resin.  
Melting point:  
85°C / 185°F  
(ARMOR procedure).

### Storage:

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

### PET film:

Thickness: 4.5 µm.

### Ribbon:

Thickness (black): < 8 µm.  
The ribbon is anti static build-up treated.

## CERTIFICATIONS

REACH / SVHC Free: 1907/2006/EC

Heavy metals: - 2002/95/EC  
- 2002/96/EC  
- 2011/65/EC

California Proposition 65

Halogen Free



## COLOUR RANGE

● Black

## SUSTAINABLE DEVELOPMENT

### ARMOR evaluation of AXR<sup>®</sup>9:

To be compared with our other products.

#### Environment



#### Economy



The film is produced in one of the industry's most organised and awarded factories:



### Quality, health, safety and environment certifications:

ISO 9001: 2008      ISO 14001: 2004  
OHSAS 18001: 2007      ISO 50001: 2011



**Responsible Care:** International Council of Chemical Associations' charter towards constant improvements in health, safety and environment.



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



All ARMOR product sheets are available on our website: [www.armor-tt.com](http://www.armor-tt.com)