

## STANDARD RESIN FOR FLAT HEAD PRINTERS

## COMPETITIVENESS

## GOOD PRINTING QUALITY

## RECEPTOR MULTI-COMPATIBILITY

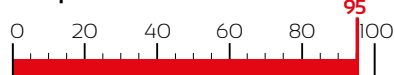
AXR®1 is a resin ribbon which combines competitiveness and performance. It is suited for the most demanding applications in terms of durability and cost.

## PRINTING QUALITY

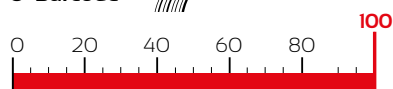
## Blackness Macbeth D19C



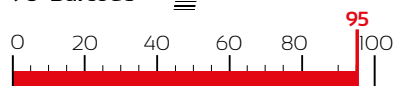
## Sharpness



## 0°Barcode

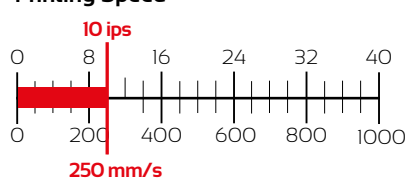


## 90°Barcode

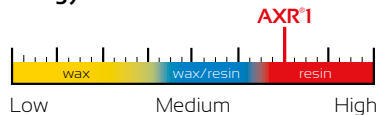


## SENSITIVITY

## Printing Speed



## Energy



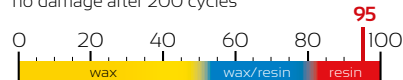
## Receptor Compatibility

Uncoated papers	•
Coated papers	• •
High gloss papers	• • •
Synthetics	• • •

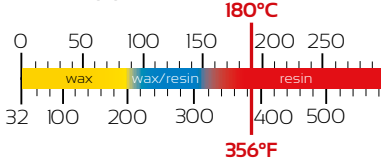
## RESISTANCES

## Mechanical Resistance

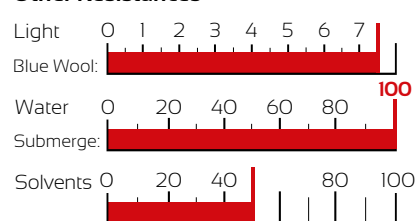
Crockmeter, 680 g/cm². For reference only, no damage after 200 cycles



## Heat Resistance



## Other Resistances



Rubtester: 939g, no damage after ... cycles :  
 IPA: 140 Ethanol: 25  
 Mineral Spirit: 50 Unleaded gasoline 98: nr\*  
 Motor oil: 250 Brake fluid: nr\*  
 \* not recommended

AWR®1	AWR®8	AWR®470	AWX®FH	APR®8	APH®FH+	AXR®1	AXR®7+	AXR®8	AXR®9
higher						higher			
higher						lower			
lower						equal			

## STANDARD RESIN FOR FLAT HEAD PRINTERS

## APPLICATION FIELDS

The characteristics of AXR<sup>®</sup>1 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:  
80°C / 176°F  
(ARMOR procedure).

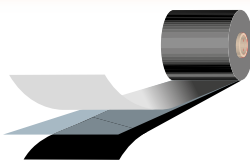
**PET film:**

Thickness: 4.5 µm.

Backcoating →

PET film →

Ink layer(s) →

**Storage:**

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

**Ribbon:**

Thickness (black): < 9 µm.  
The ribbon is anti static build-up  
treated.

## CERTIFICATIONS

REACH / SVHC Free: 1907/2006/EC

Food Contact Approved: 1935/2004/EC

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

California Proposition 65

Halogen Free



## COLOUR RANGE

Data exposed in this sheet are for the black ribbon.  
Printing performance of the colour ribbons are close  
to black ones.

- Black
- Red (192 C)
- White
- Green (Green C)
- Blue (286 C)

## SUSTAINABLE DEVELOPMENT

**ARMOR evaluation of AXR<sup>®</sup>1:**

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)