

STANDARD RESIN FOR FLAT HEAD PRINTERS

COMPETITIVENESS

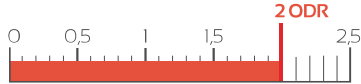
GOOD PRINTING QUALITY

RECEPTOR MULTI-COMPATIBILITY

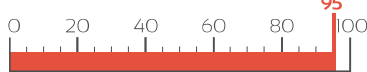
AXR®1 is a resin ribbon which combines competitiveness and performance. It is suited for the most demanding applications in terms of durability and cost.

PRINTING QUALITY

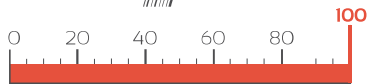
Blackness Macbeth D19C



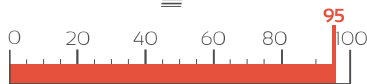
Sharpness



0°Barcode

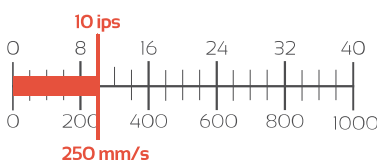


90°Barcode

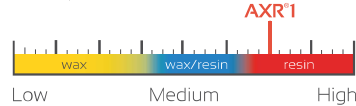


SENSITIVITY

Printing Speed



Energy

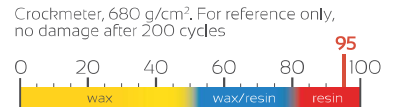


Receptor Compatibility

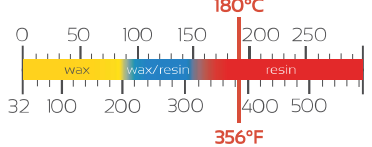
Uncoated papers	●
Coated papers	●●
High gloss papers	●●●
Synthetics	●●●

RESISTANCES

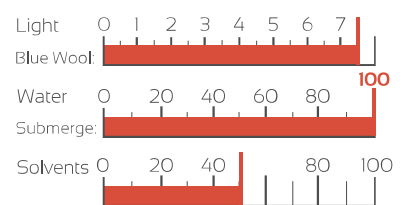
Mechanical Resistance



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	APX®FH+	<b>AXR®1</b>	AXR®7+	AXR®8	AXR®9
					higher	SENSITIVITY	higher		
					higher	BLACKNESS	lower		
					lower	MECHANICAL RESISTANCE	equal		

**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.

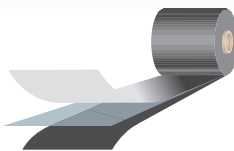
**Ink:**

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.

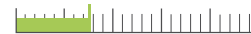
- Black
- White
- Blue (286 C)
- Red (192 C)
- Green (Green C)

**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)