

STANDARD RESIN FOR FLAT HEAD PRINTERS

COMPETITIVENESS

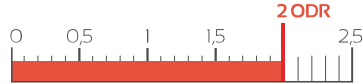
GOOD PRINTING QUALITY

RECEPTOR MULTI-COMPATIBILITY

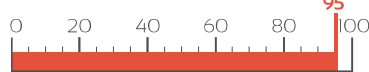
AXR[®]1 is a resin ribbon which combines competitiveness and performance. It is suited for the most demanding applications in terms of durability and cost.

PRINTING QUALITY

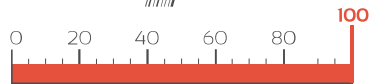
Blackness Macbeth D19C



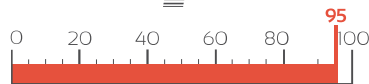
Sharpness



0°Barcode

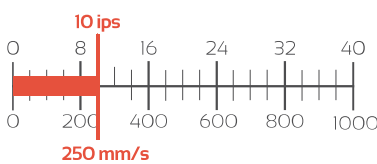


90°Barcode

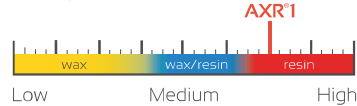


SENSITIVITY

Printing Speed



Energy

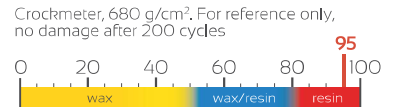


Receptor Compatibility

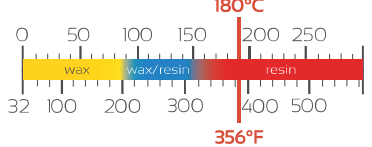
Uncoated papers	●
Coated papers	●●
High gloss papers	●●●
Synthetics	●●●

RESISTANCES

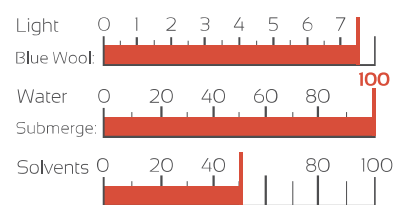
Mechanical Resistance



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+	AXR[®]1	AXR [®] 7+	AXR [®] 8	AXR [®] 9
					higher	SENSITIVITY	higher		
					higher	BLACKNESS	lower		
					lower	MECHANICAL RESISTANCE	equal		

APPLICATION FIELDS

The characteristics of AXR[®]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.

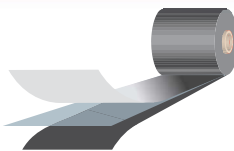
Ink:

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[®]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