

AXR®7+

SUPER PREMIUM RESIN FOR FLAT HEAD PRINTERS

EXCELLENT PRINTING QUALITY, SENSITIVITY AND RECEPTOR MULTI-COMPATIBILITY

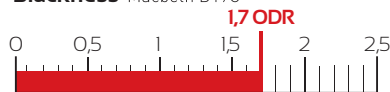
EXCELLENT RESISTANCE TO SMUDGE AND SCRATCH

GOOD RESISTANCE TO HIGH TEMPERATURE

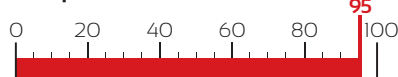
AXR®7+ is the standard resin ribbon of the ARMOR range. Its high versatility (it also prints on coated papers), its performances (sharpness, printing speed) and its ability to widen the usual application fields of resin ribbons have resulted in making AXR®7+ the worldwide reference on this family of products.

PRINTING QUALITY

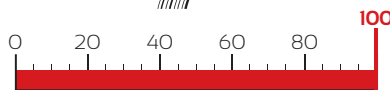
Blackness Macbeth D19C



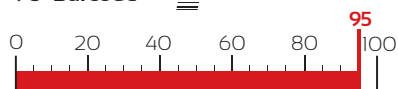
Sharpness



0°Barcode

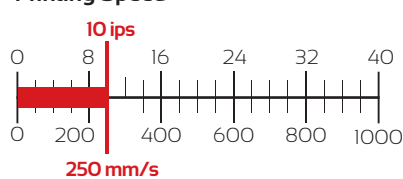


90°Barcode

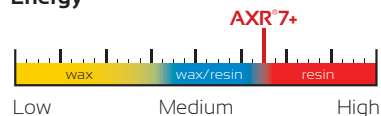


SENSITIVITY

Printing Speed



Energy



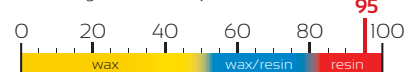
Receptor Compatibility

| | |
|-------------------|-----|
| Uncoated papers | • |
| Coated papers | •• |
| High gloss papers | ••• |
| Synthetics | ••• |

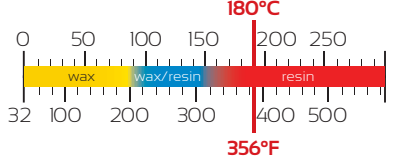
RESISTANCES

Mechanical Resistance

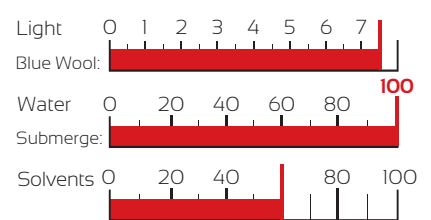
Crockmeter, 680 g/cm². For reference only, no damage after 200 cycles



Heat Resistance



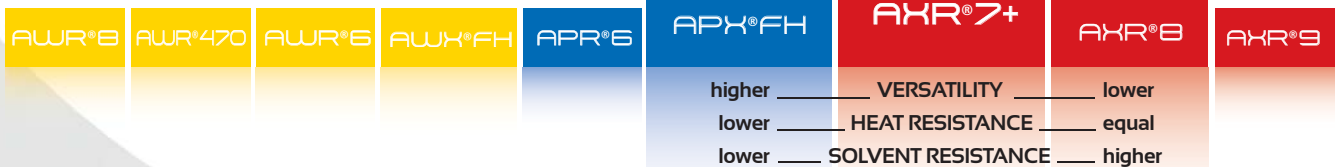
Other Resistances



Rubtester: 939g, no damage after ... cycles :

| | | | |
|-----------------|-----|-----------------------|-----|
| IPA: | 120 | Ethanol: | 25 |
| Mineral Spirit: | 60 | Unleaded gasoline 98: | nr* |
| Motor oil: | 250 | Brake fluid: | nr* |

* not recommended



APPLICATION FIELDS

The characteristics of AXR®7+ 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.

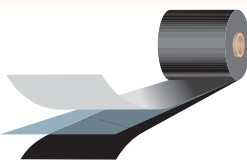
Ink:

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: I907/2006/EC

Food Contact Approved: I935/2004/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 (286C)
- Red (485C)
- Green (Green C)

SUSTAINABLE DEVELOPMENT

ARMOR evaluation of AXR®7+:

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