

AXR[®] 7+

SUPER PREMIUM - RESIN FOR FLAT HEAD

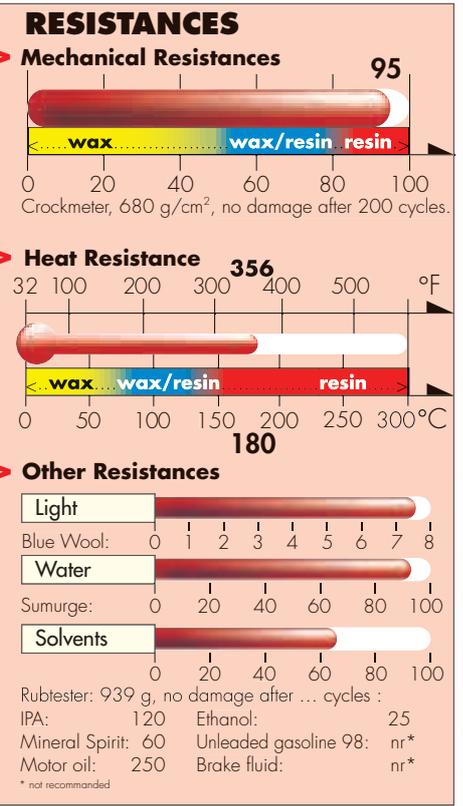
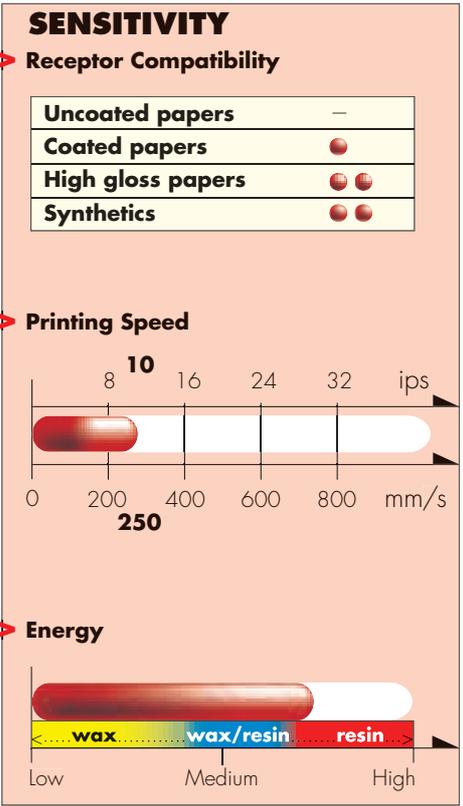
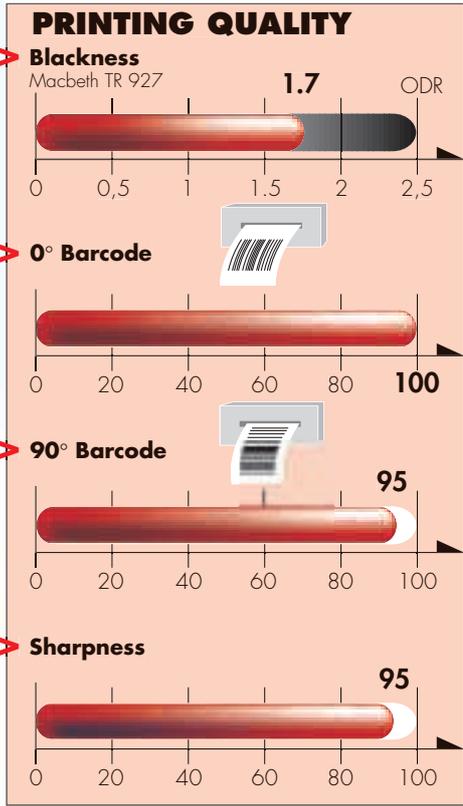
- **EXCELLENT PRINTING QUALITY, SENSITIVITY AND RECEPTOR MULTI-COMPATIBILITY**
- **EXCELLENT RESISTANCE TO SMUDGE AND SCRATCH**
- **GOOD RESISTANCE TO HIGH TEMPERATURE**

AXR[®] 7+ is dedicated to applications requiring a perfect printing quality and excellent mechanical resistances. The ink provides excellent print quality of all types of barcodes, very small text and large characters, and logos, at a blackness above 1.7 (ODR).

The ribbon structure allows printing on many kinds of synthetics (PVC, PET, PE, PP), on various matt and high gloss coated papers and even on some uncoated papers. The printed image offers an excellent smudge and scratch resistance, and good heat resistance, up to 180 °C (356 °F).

Those characteristics remain at speeds up to 250 mm/s (10 ips), and with 200, 300 and 600 DPI printheads, making this ribbon perfectly suited to the labeling market, and allowing its use in the flexible packaging printing market.

AXR[®] 7+ features Armor's outstanding backcoat technology ensuring excellent printhead protection, no clogging and prevents static build up.



Evaluation of observed performances of the ribbon with adapted printer, settings and receptors (Armor procedure).

210	470	100	500	503	5	7+	8	9
AWR [®]		AWX [®]		APR [®]		AXR [®]		
WAX				WAX/RESIN		RESIN		
F	L	A	T	H	E	A	D	R
A	N	G	E					

All Armor product sheets are available on our Extranet TTR.Armor.fr and on our website www.armor-group.com



AXR[®] 7+

EXAMPLES OF APPLICATION FIELDS

The characteristics of AXR[®] 7+ answer the requirements of the following application fields :



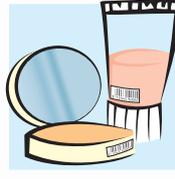
Inventory



Shipping



Pharmaceutical



Cosmetics



Flexible Packaging



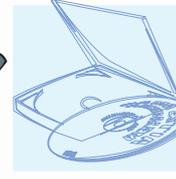
Flexible Packaging for frozen applications



Flexible Packaging for hot processes



Rating plates



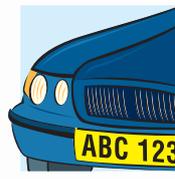
CDs



Retail labeling



Care labels



Signage & Logos



Laboratory



Healthcare



Tags



Direct food contact



Livestock



Outdoor applications



Conveyor sorting



Chemical drums



Automotive

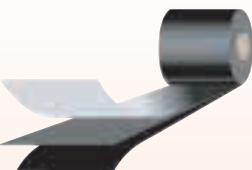
If your application is not among the ones above, please contact us.

RIBBON SPECIFICATIONS

Backcoating →

PET film →

Ink layer(s) →



Backcoating:
Silicon based.
Friction coefficient: Kd < 0.2

PET film:
Thickness: 4.5µm
Tearing resistance: > 300 N/mm (MD)

Ink:
Resin
Melting point: 80 °C (176 °F)
(Armor procedure)

Ribbon:
Thickness (black): <9 µm
The ribbon is anti static build up treated.
Storage: 12 months, 5-35°C (40-95 °F),
20-80 % Humidity Rate

CERTIFICATIONS AND APPROVALS



B-G-A

Direct food contact
(Europe)



UL Approved
Legibility and durability
of the printed label



BS 5609 :
The printed ink withstands
immersion in seawater

Heavy metals: EC 98/638.

Ames test: the ribbon is not mutagenic,
does not cause DNA modifications

TSCA: the ribbon does not contain any of the toxic
substances mentioned in this list.

California Proposition 65: the ribbon does
not contain any of the chemicals mentioned in this list.

EC Directives: 1999/45/EC and 2001/59/EC.
The ribbon does not contain any substance classified
as dangerous for health.

For other standards, please contact us.



Armor has the following ISO certifications:
ISO 9001 (1994), N° QUAL/1995/3718a
ISO 9001 (2000), N° 11 - SIC 3955

COLOR RANGE



black



white



dark blue
(286 C)



dark red
(192 C)



light green
(Green C)

Performances exposed in this sheet are for the black ribbon

ARMOR

MAKING THERMAL TRANSFER EASIER

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