

AXR[®] 9

**SUPER PREMIUM - RESIN
FOR FLAT HEAD**

• **EXCELLENT PRINTING QUALITY
ON TEXTILE MATERIALS**

• **EXCELLENT RESISTANCE TO WASHES
AND DRY CLEANING**

• **VERY GOOD RESISTANCE TO IRONING**

AXR[®] 9 has been especially developed to satisfy the requirements of the textile printing market.

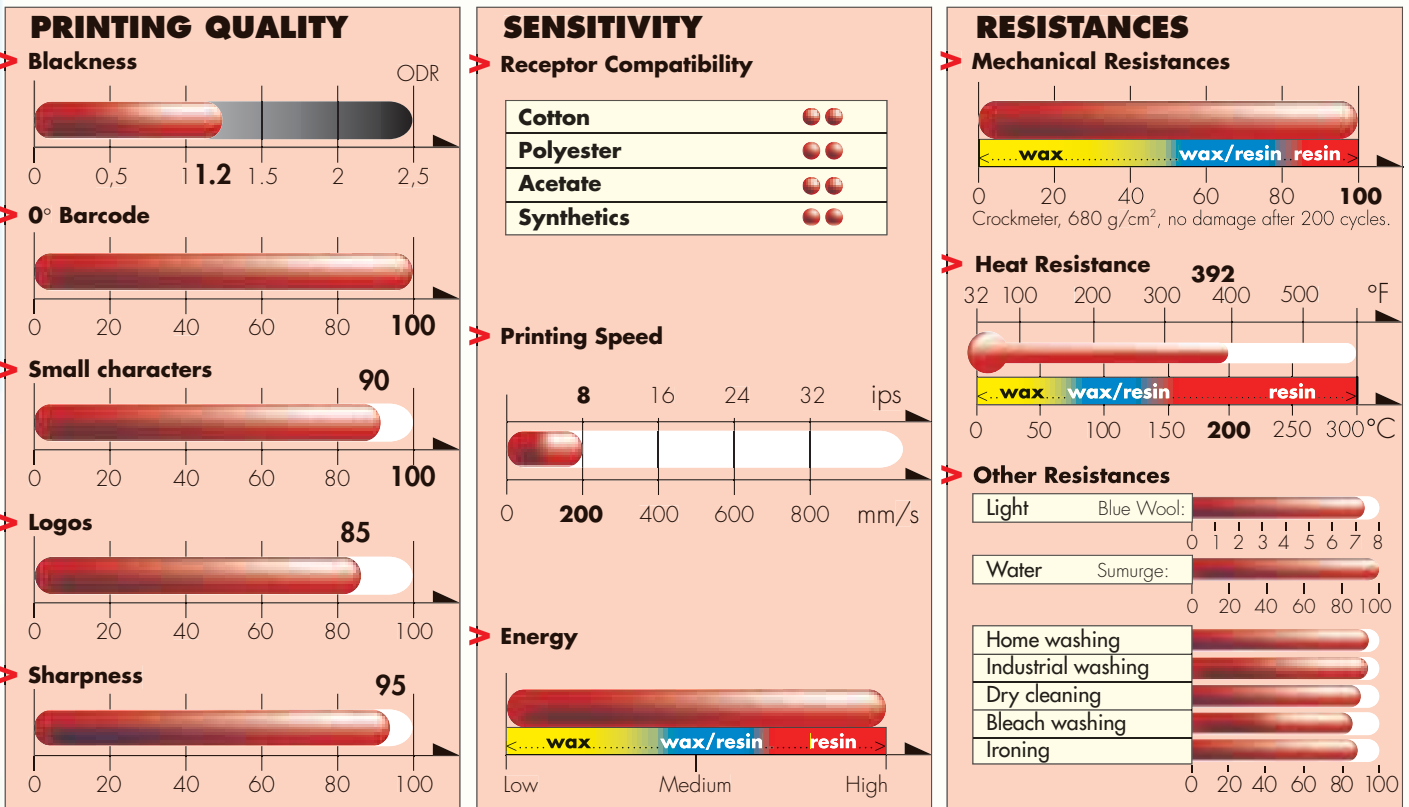
The ink provides an excellent printing quality of very small text, large characters, logos, and all types of barcodes, at a blackness above 1.2 (ODR).

The ribbon structure allows printing on most of textile labels present on the market in various materials such as nylon, polyester, acetate ...

The printed image offers an excellent resistance to washings (home, industrial, bleach), to dry cleaning and to ironing.

Those characteristics remain at speed up to 200 mm/s (8ips), with 200, 300 and 600 DPI printheads.

AXR[®] 9 features Armor 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

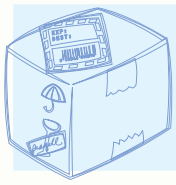
AXR[®] 9

EXAMPLES OF APPLICATION FIELDS

The characteristics of AXR[®] 9 answer the requirements of the following application fields :



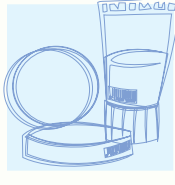
Inventory



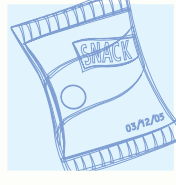
Shipping



Pharmaceutical



Cosmetics



Flexible Packaging



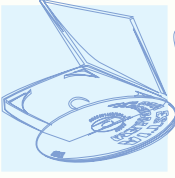
Flexible Packaging for frozen applications



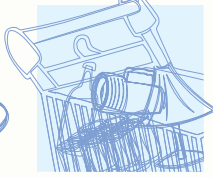
Flexible Packaging for hot processes



Rating plates



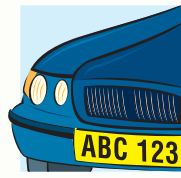
CDs



Retail labeling



Care labels



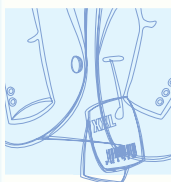
Signage & Logos



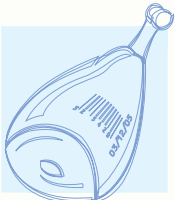
Laboratory



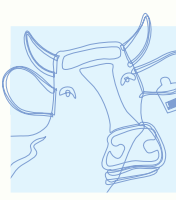
Healthcare



Tags



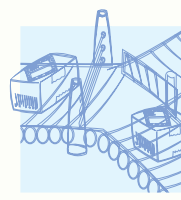
Direct food contact



Livestock



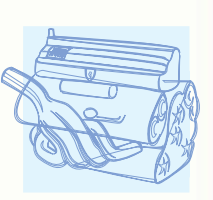
Outdoor applications



Conveyor sorting



Chemical drums



Automotive

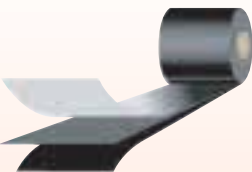
If your application is not among the ones above, please contact us.

RIBBON SPECIFICATIONS

Backcoating →

PET film →

Ink layer(s) →



Backcoating:
Silicon based.
Friction coefficient: $K_d < 0.2$

PET film:
Thickness: $4.5\mu\text{m}$
Tearing resistance: $> 300\text{ N/mm (MD)}$

Ink:
Resin
Melting point: $90\text{ }^\circ\text{C (194 }^\circ\text{F)}$
(Armor procedure)

Ribbon:
Thickness (black): $< 8\mu\text{m}$
The ribbon is anti static build up treated.
Storage: 12 months, $5\text{-}35^\circ\text{C (40-95 }^\circ\text{F)}$,
 $20\text{-}80\%$ Humidity Rate

CERTIFICATIONS AND APPROVALS

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

ARMOR

MAKING THERMAL TRANSFER EASIER

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