



# NEW AWX<sup>®</sup> 500+

STANDARD EXTRA - WAX  
FOR FLAT HEAD



• EXCELLENT COMPETITIVENESS/SMUDGE RATIO

• VERY GOOD RECEPTOR MULTI-COMPATIBILITY AND SENSITIVITY

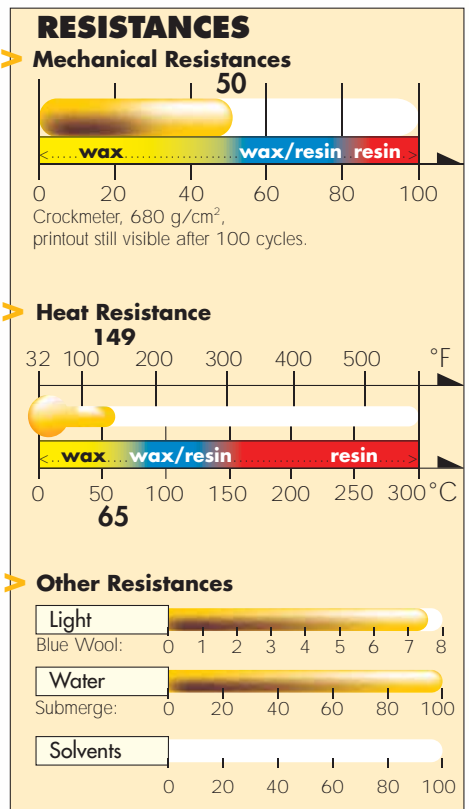
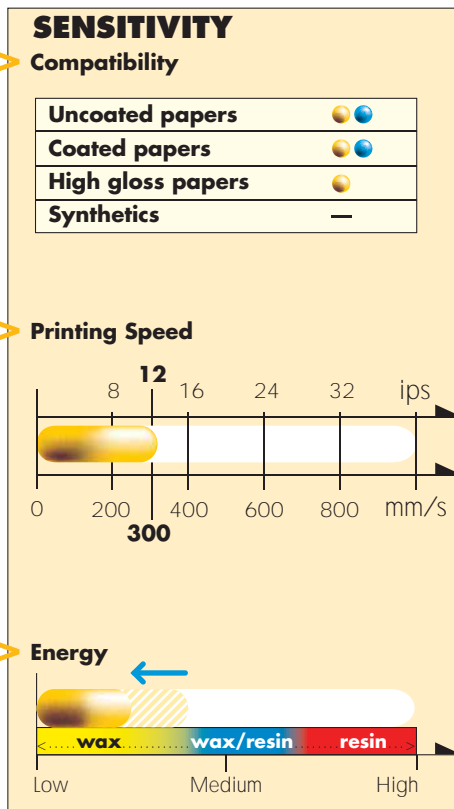
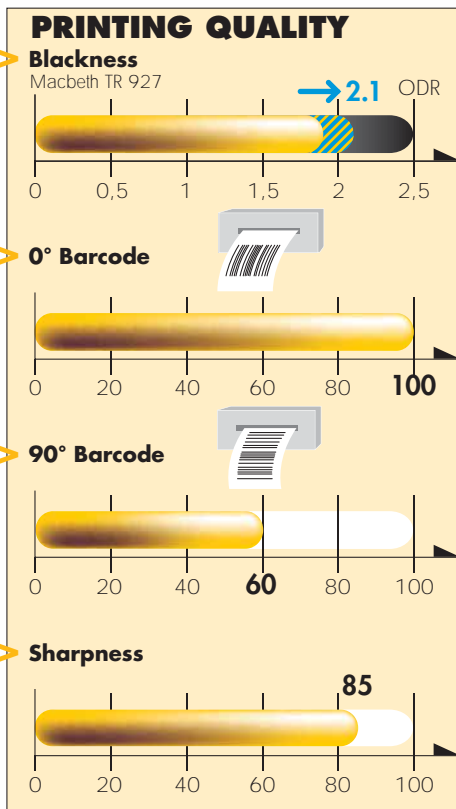
• EXCELLENT BLACKNESS

AWX<sup>®</sup> 500+ is a general purpose wax ribbon enhanced with resin particularly adapted to standard label printing where good mechanical resistance is required.

The ink provides excellent print quality of picket and ladder barcodes, very small text, large characters, and logos, at a blackness above 2.1 (ODR).

The ribbon structure allows printing on various receptors, such as coated and uncoated papers, and some synthetics. The printed ink offers improved smudge resistance compared to standard wax, and heat resistance up to 65°C (149°F).

These characteristics remain at speeds up to 300 mm/s (12 ips), and with 200, 300 and 600 DPI printheads. AWX<sup>®</sup> 500+ features ARMOR's outstanding backcoat technology, ensuring excellent printhead protection, preventing clogging and static build-up.



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

210	470	500+	503	5	7+	8	9
AWR <sup>®</sup>		AWX <sup>®</sup>	APR <sup>®</sup>		AXR <sup>®</sup>		
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



# NEW AWX<sup>®</sup> 500+



## EXAMPLES OF APPLICATION FIELDS

The characteristics of AWX<sup>®</sup> 500+ answer the requirements of the following application fields :



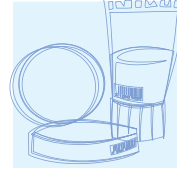
Inventory



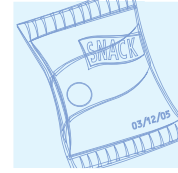
Shipping



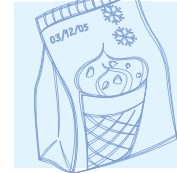
Pharmaceutical



Cosmetics



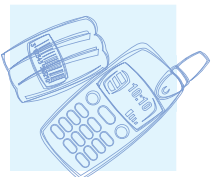
Flexible Packaging



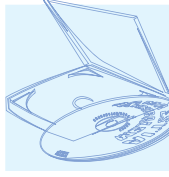
Flexible Packaging for frozen applications



Flexible Packaging for hot processes



Rating plates



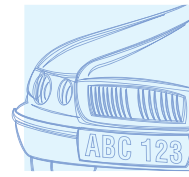
CDs



Retail labeling



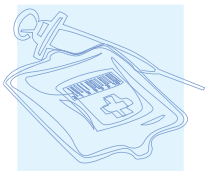
Care labels



Signage & Logos



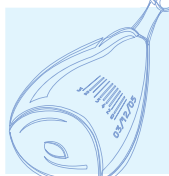
Laboratory



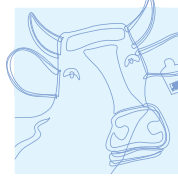
Healthcare



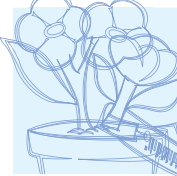
Tags



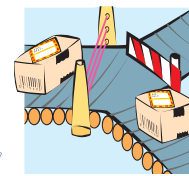
Direct food contact



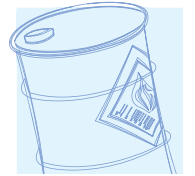
Livestock



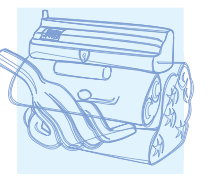
Outdoor applications



Conveyor sorting



Chemical drums

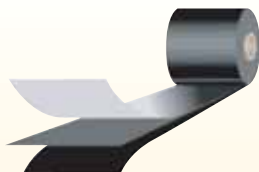


Automotive

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:  $> 300 \text{ N/mm}^2$  (MD)

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

**Ribbon:**  
Thickness (black):  $< 9 \mu\text{m}$   
The ribbon is anti static build up treated.  
Storage: 12 months, 5-35C (40-95°F),  
20-80 % 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 (2000), N° QUAL/1995/3718b  
ISO 9001 (2000), N° 11 - SIC 3955

### COLOR RANGE



Black

For color ribbons, please look to the AWR<sup>®</sup> or APR<sup>®</sup> ranges with approaching performances