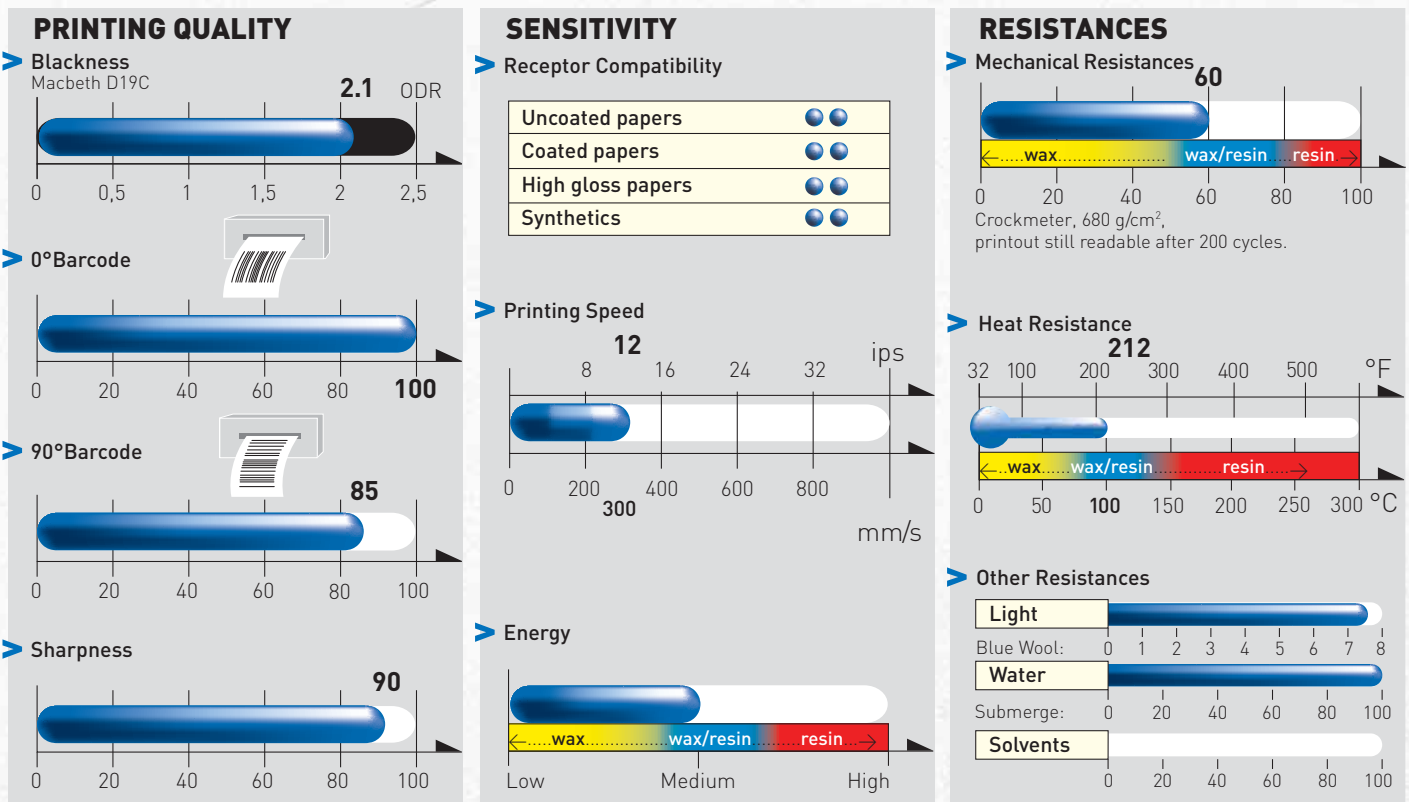


# APR® 6

PREMIUM - WAX/RESIN  
FOR FLAT HEAD

- VERY GOOD PRINTING QUALITY
- EXCELLENT RECEPTOR MULTI-COMPATIBILITY AND SENSITIVITY
- HIGH SPEED PRINTING CAPABILITY

APR®6 is a highly sensitive premium wax/resin ribbon designed to give excellent printing performance at low energy. It can be printed on a wide range of substrates with the same level of performance. The ink provides excellent printing quality for all types of barcodes, very small text, large characters and logos, at a blackness above 2.1 (ODR). The ribbon structure allows printing on a wide range of receptors, such as uncoated and coated papers and synthetics. The printed image offers a good level of smudge resistance combined with heat resistance up to 100°C (212°F). Those characteristics remain at speeds up to 300 mm/s (12 ips), and with 200, 300 and 600 DPI printheads, making this ribbon perfectly adapted to the labelling market. APR® 6 features Armor's outstanding backcoat technology, ensuring excellent printhead protection, preventing clogging and static build-up. The ribbon has been designed to create a very low level of noise while being printed.



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

470	500+	503	6	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 website [www.armor-group.com](http://www.armor-group.com)

## EXAMPLES OF APPLICATION FIELDS

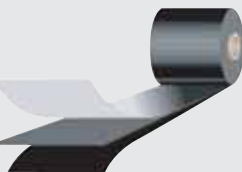
The characteristics of APR® 6 answer the requirements of the following application fields :



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: 4.5µm  
Tearing resistance: > 300 N/mm<sup>2</sup>(MD)

**Ink:**  
**Wax/Resin**  
Melting point: 75°C (167°F)  
(Armor procedure)

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

### CERTIFICATIONS AND APPROVALS



**Heavy metals:** EC 98/638.

**RoHs/WEEE:** EC directives 2002/65 and 2002/96, compliance to the limitation of dangerous substances in electric and electronic equipments.

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

**TSCA/CP 65:** the ribbon does not contain any of the substances on these 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

### COLOUR RANGE



Performances exposed in this sheet are for the black ribbon