

### EXAMPLES OF APPLICATION FIELDS

The characteristics of AWR® 470 answer the requirements of the following application fields :



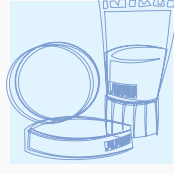
Inventory



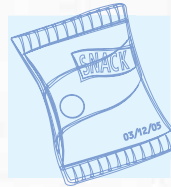
Shipping



Pharmaceutical



Cosmetics



Flexible Packaging



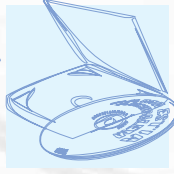
Flexible Packaging for frozen applications



Flexible Packaging for hot processes



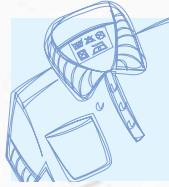
Rating plates



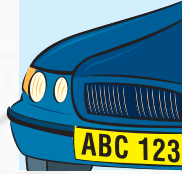
CDs



Retail labeling



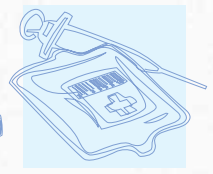
Care labels



Signage & Logos



laboratory



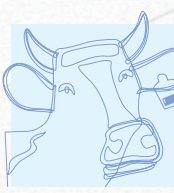
Healthcare



Tags



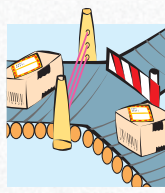
Direct food contact



Livestock



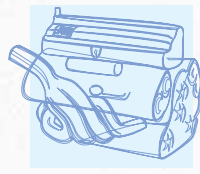
Outdoor applications



Conveyor sorting



Chemical drums

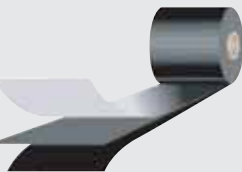


Automotive

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<sup>2</sup>(MD)

##### Ink:

**Wax**  
Melting point: 65°C (149°F)  
(ARMOR procedure)

##### Ribbon:

Thickness (black): < 8.5µm  
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 2002/95 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. 1935/2004/EC: food contact.

For other standards, please contact us.



ARMOR has the following ISO certifications:  
ISO 9001 (2000), N QUAL/1995/3718b

#### COLOR RANGE



black

For color ribbons, please look to the AWR® or APR® ranges with approaching performances.

# AWX® 66

STANDARD EXTRA- WAX  
FOR FLAT HEAD

- VERY HIGH SMUDGE RESISTANCE
- VERY GOOD PRINTING QUALITY
- EXCELLENT RECEPTOR MULTI-COMPATIBILITY AND SENSITIVITY

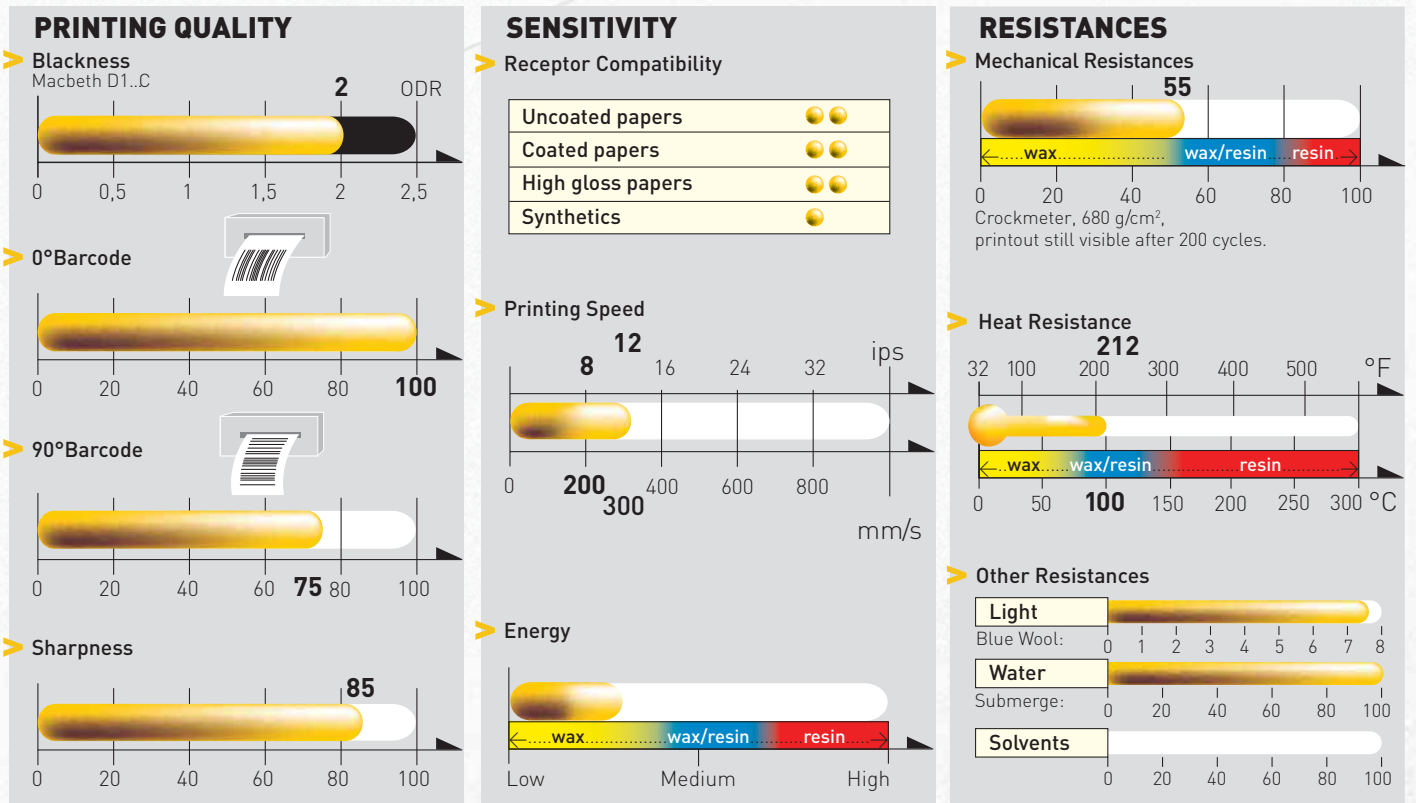


AWX® 66 is ARMOR new generation resin enhanced wax ribbon, particularly adapted to standard label printing where good mechanical resistance is required.

The ink provides excellent print quality of picket and ladder barcodes, very small text, large characters, and logos, at a blackness above 2.0 (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 100°C (212°F).

These characteristics remain at speeds up to 300 mm/s (12 ips) and with 200, 300 and 600 DPI printheads.

AWX® 66 features ARMOR's outstanding backcoat technology, ensuring excellent printhead protection, preventing clogging and static build-up, which makes this ribbon suitable for printing on RFID tags. A particular focus has been brought on the reduction of noise during printing, increasing the comfort of use of the ribbon.



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

470	6	500+	<b>66</b>	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 website [www.armor-group.com](http://www.armor-group.com)