

# AXR® 600

SUPER PREMIUM - RESIN  
FOR CORNER EDGE & NEAR EDGE

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

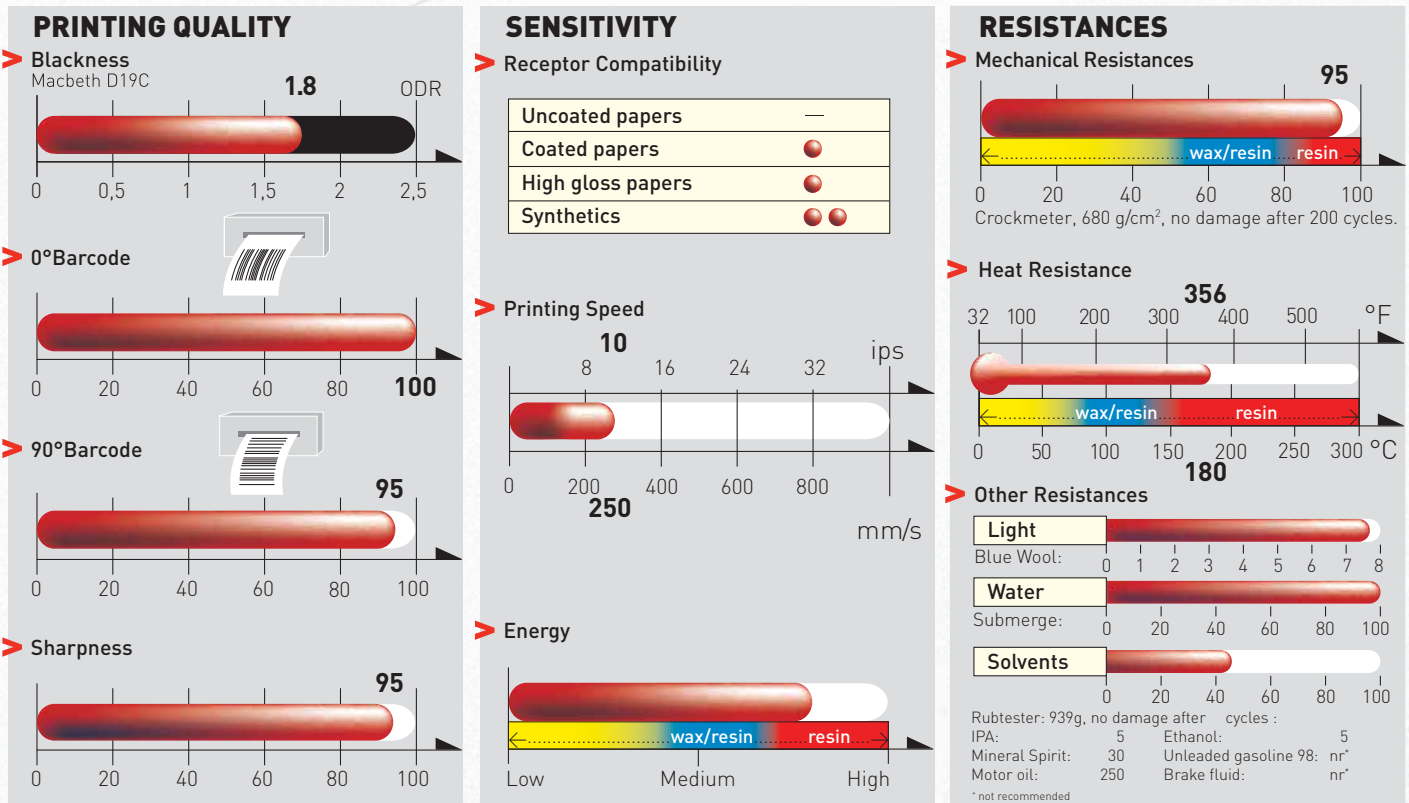


AXR® 600 is dedicated to applications requiring perfect printing quality and excellent mechanical resistances. The ink provides excellent printing quality of all types of barcodes, very small text, large characters and logos, at a blackness above 1.8 (ODR).

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

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

AXR® 600 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).

600	700	650	<b>600</b>	800	900
APR®			AXR®		
WAX/RESIN			RESIN		
C O R N E R E D G E A N D N E A R E D G E R A N G E					

All ARMOR product sheets are available on our website [www.armor-group.com](http://www.armor-group.com)

# AXR® 600

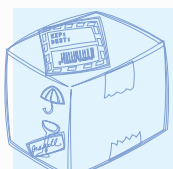
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## ■ EXAMPLES OF APPLICATION FIELDS

The characteristics of AXR® 600 answer the requirements of the following application fields :



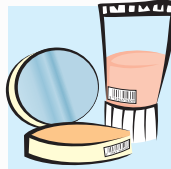
Inventory



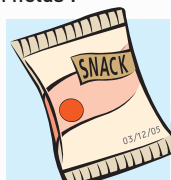
Shipping



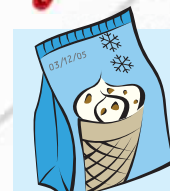
Pharmaceutical



Cosmetics



Flexible Packaging



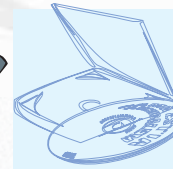
Flexible Packaging for frozen applications



Flexible Packaging for hot processes



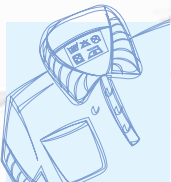
Rating plates



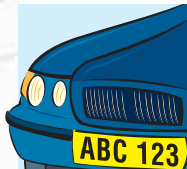
CDs



Retail labeling



Care labels



Signage & Logos



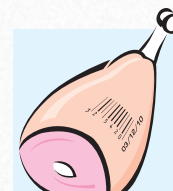
Laboratory



Healthcare



Tags



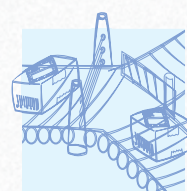
Food contact



Livestock



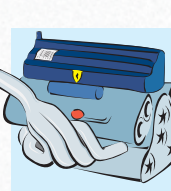
Outdoor applications



Conveyor sorting



Chemical drums



Automotive

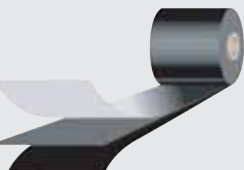
If your application is not among the ones above, please contact us.

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

#### Ink:

##### Resin

Melting point: 80°C

(ARMOR procedure)

#### Ribbon:

Thickness (black):  $< 9 \mu\text{m}$

The ribbon is anti static build up treated.

Storage: 12 months, 5-35°C,

20-80 % Humidity Rate

### CERTIFICATIONS AND APPROVALS



1935/2004/EC

Food contact (Europe)



UL Approved - Legibility and durability of the printed label

**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 certifications:

ISO 9001 : 2000, N°QUAL/2007/28312

ISO 14001 : 2004, N°ENV/2007/28315

OHSAS 18001 : 1999, N°SMS/2007/28316

### COLOUR 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.