

APR[®] 600

PREMIUM - WAX/RESIN
FOR CORNER EDGE & NEAR EDGE

• EXCELLENT SENSITIVITY AND RECEPTOR
MULTI-COMPATIBILITY

• VERY GOOD PRINTING QUALITY AT HIGH SPEED
AND SHARPNESS OF 90° BARCODES

• VERY GOOD RESISTANCE TO SMUDGE

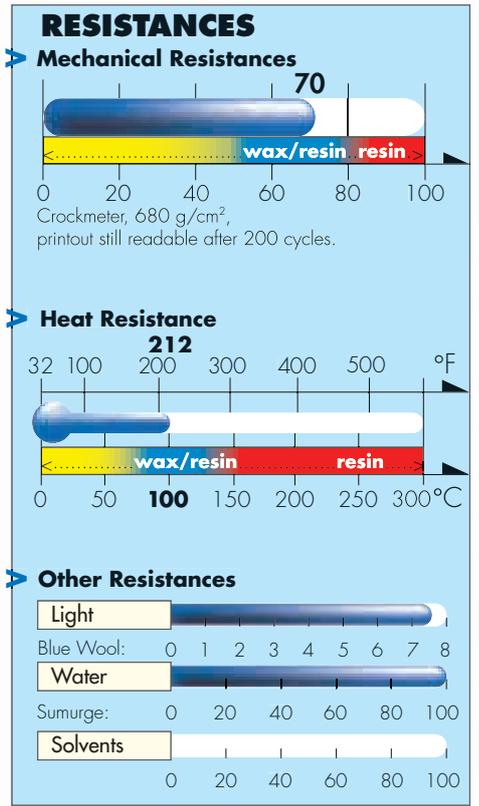
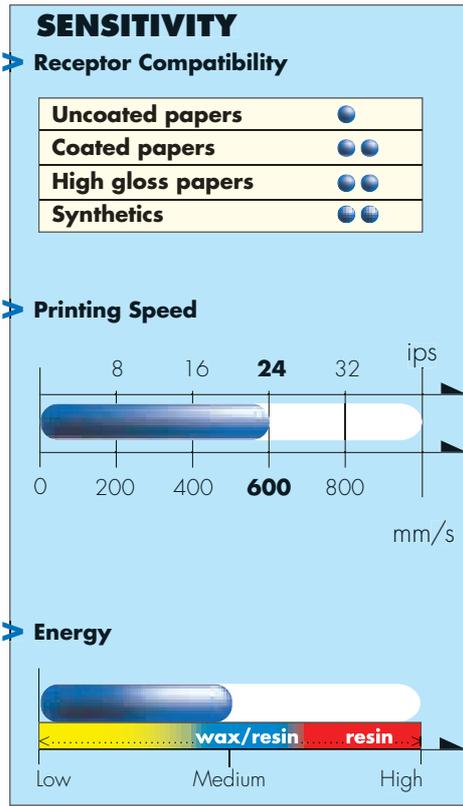
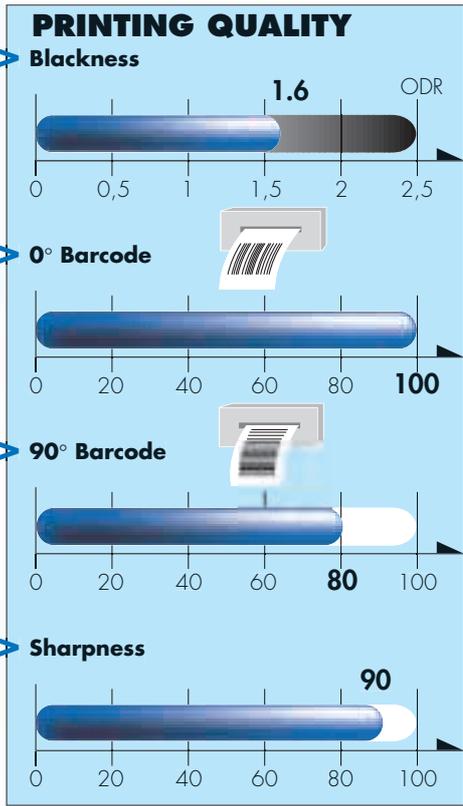
APR[®] 600 combines a multi receptor compatibility with a good level of performances. This high versatility allows it to fulfill the requirements of many applications.

The ink provides an excellent printing quality of all types of barcodes, very small text, large characters, and logos, at a blackness above 1.6 (ODR).

The ribbon structure allows printing on various kinds of receptors, such as uncoated papers, coated papers and synthetics. The printed image offers a good level of smudge resistance, and heat resistance up to 100°C (212°F).

Those characteristics remain at speeds up to 600 mm/s (24 ips), and with 200, 300 and 600 DPI printheads, making this ribbon perfectly adapted either to the labeling market or the flexible packaging printing market.

APR[®] 600 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).

600	700	650	600	800	900
APR [®]		APX [®]	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 Extranet TTR.Armor.fr and on our website www.armor-group.com



APR[®] 600

EXAMPLES OF APPLICATION FIELDS

The characteristics of APR[®] 600 answer the requirements of the following application fields :



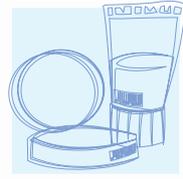
Inventory



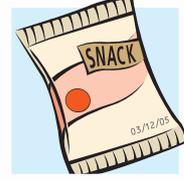
Shipping



Pharmaceutical



Cosmetics



Flexible Packaging



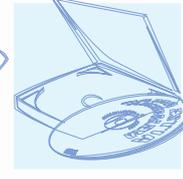
Flexible Packaging for frozen applications



Flexible Packaging for hot processes



Rating plates



CDs



Retail labeling



Care labels



Signage & Logos



Laboratory



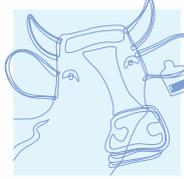
Healthcare



Tags



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:
Silicon based.
Friction coefficient: Kd < 0.2

PET film:
Thickness: 4.5µm
Tearing resistance: > 300 N/mm (MD)

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

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

CERTIFICATIONS AND APPROVALS



Direct food contact (Europe)

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	white	yellow
magenta	cyan	blue (Reflex blue C)
light red (1788 C)	light green (Green C)	orange (151 C)
brown (484 C)		

Performances exposed in this sheet are for the black ribbon