

APR®600

PREMIUM WAX/RESIN FOR NEAR EDGE PRINTERS

**EXCELLENT SENSITIVITY AND RECEPTOR
MULTI-COMPATIBILITY**

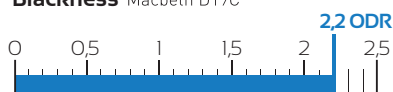
**VERY GOOD PRINTING QUALITY AT HIGH SPEED AND
SHARPNESS OF 90° BARCODES**

VERY HIGH RESISTANCE TO SMUDGE

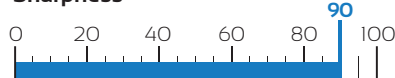
APR®600 is the worldwide reference of premium ribbons for Corner Edge and Near Edge printers. It is the standard ribbon in ARMOR's wax/resin range. Its performance (speed, sensitivity, versatility, blackness) provides a perfectly adapted answer a large majority of applications.

PRINTING QUALITY

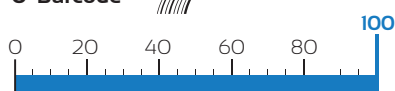
Blackness Macbeth D19C



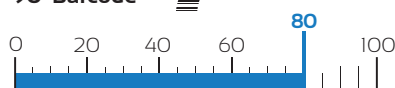
Sharpness



0°Barcode

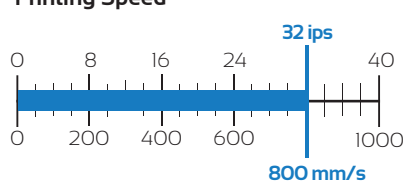


90°Barcode

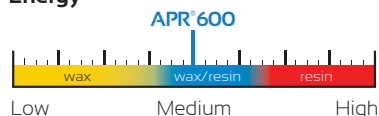


SENSITIVITY

Printing Speed



Energy



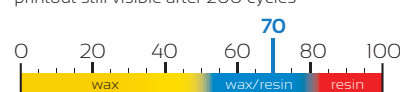
Receptor Compatibility

Uncoated papers	• •
Coated papers	• • •
High gloss papers	• • •
Synthetics	• • •

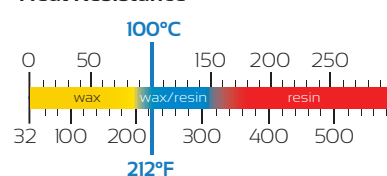
RESISTANCES

Mechanical Resistance

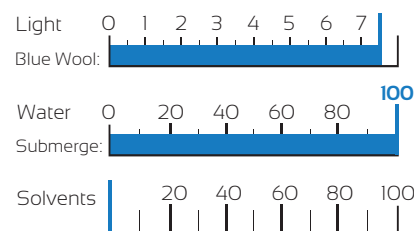
Crockmeter, 680 g/cm². For reference only, printout still visible after 200 cycles



Heat Resistance



Other Resistances



APR®600

APX®650

AKR®600

AKR®800

AKR®900

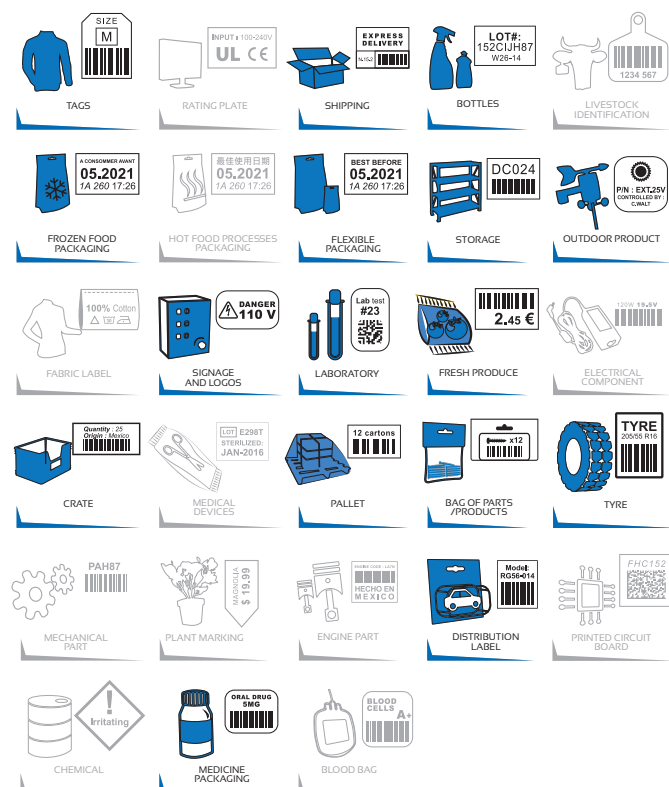
RESISTANCE _____ higher
BLACKNESS _____ lower
SHARPNESS _____ higher

APR®600

PREMIUM WAX/RESIN FOR NEAR EDGE PRINTERS

APPLICATION FIELDS

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



RIBBON SPECIFICATIONS

Backcoating:

Silicon based.
Friction coefficient:
Kd < 0.2.

Ink:

Wax/Resin.
Melting point:
80°C / 176°F
(ARMOR procedure).

PET film:

Thickness: 4.5 µm.

Backcoating →

PET film →

Ink layer(s) →

Storage:

12 months, 5-35°C (40-95°F),
20-80 % Humidity Rate.

Ribbon:

Thickness (black): < 8 µm.
The ribbon is anti static build-up
treated.

CERTIFICATIONS

REACH / SVHC Free: I907/2006/EC

Food Contact Approved: I935/2004/EC

Heavy metals: - 2002/95/EC
- 2002/96/EC
- 2011/65/EC

California Proposition 65

Halogen Free



COLOUR RANGE

Data exposed in this sheet are for the black ribbon.
Printing performance of the colour ribbons are close
to black ones.

- | | |
|------------------------|--|
| ● Black | ● Cyan |
| ○ Ultra White | ● Magenta |
| ● Orange (I51C) | ● Yellow |
| ● Brown (484C) | ● Gold |
| ● Green (Green C) | ● Silver |
| ● Red (I788C) | From APX® range,
with better scratch resistance : |
| ● Blue (Reflex Blue C) | ● Metallic White (877C) |

SUSTAINABLE DEVELOPMENT

ARMOR evaluation of APR®600:

To be compared with our other products.

Environment**Economy**

The film is produced in one of the industry's most
organised and awarded factories:

**Quality, health, safety and environment certifications:**

ISO 9001: 2008 ISO 14001: 2004
OHSAS 18001: 2007 ISO 50001: 2011



Responsible Care: International Council of Chemical
Associations' charter towards constant improvements
in health, safety and environment.



Global Compact: UN initiative inviting companies
to apply fundamental ethical and environmental
values.



All ARMOR product sheets are available on our
website: www.armor-tt.com

ARMOR
MAKING THERMAL TRANSFER EASIER