THERMAL TRANSFER RIBBON

APR®600

PREMIUM WAX/RESIN FOR NEAR EDGE PRINTERS

EXCELLENT SENSITIVITY AND RECEPTOR MULTI-COMPATIBILITY

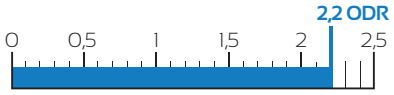
VERY GOOD PRINTING QUALITY AT HIGH SPEED AND SHARPNESS OF 90° BARCODES

VERY HIGH RESISTANCE TO SMUDGE

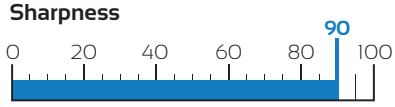
APR®600 is the worldwide reference of premium ribbons for Corner Edge and Near Edge printers. It is the standard ribbon in ARMOR's wax/resin range. Its performance (speed, sensitivity, versatility, blackness) provides a perfectly adapted answer a large majority of applications.

PRINTING QUALITY

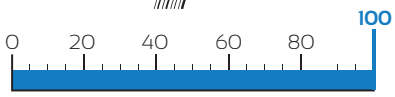
Blackness Macbeth D19C



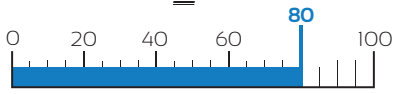
Sharpness



0°Barcode

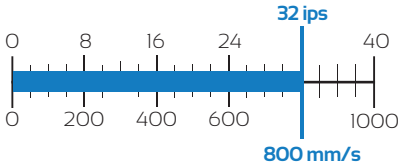


90°Barcode

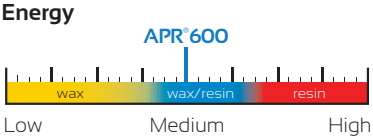


SENSITIVITY

Printing Speed



Energy



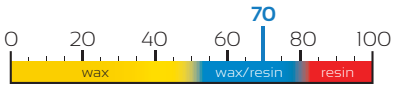
Receptor Compatibility

Uncoated papers	●●
Coated papers	●●●
High gloss papers	●●●
Synthetics	●●●

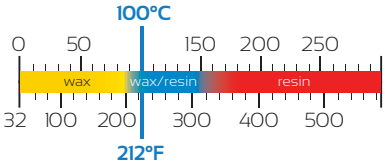
RESISTANCES

Mechanical Resistance

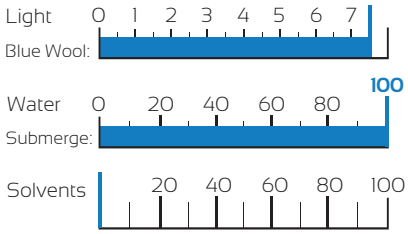
Crockmeter, 680 g/cm². For reference only, printout still visible after 200 cycles



Heat Resistance



Other Resistances



APR®600	APX®650	AXR®600	AXR®800	AXR®900
RESISTANCE	higher			
BLACKNESS	lower			
SHARPNESS	higher			

ARMOR

MAKING THERMAL TRANSFER EASIER

THERMAL TRANSFER RIBBON

APR®600

PREMIUM WAX/RESIN FOR NEAR EDGE PRINTERS

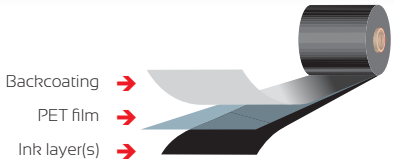
APPLICATION FIELDS

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

(If your application is not among the ones below, please contact us.)

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.

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: 1907/2006/EC

Food Contact Approved: 1935/2004/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
- White
- Orange (151C)
- Brown (484C)
- Green (Green C)
- Red (1788C)
- Blue (Reflex Blue C)
- Cyan
- Magenta
- Yellow

From APX® range, with better scratch resistance :

- Metallic White (877C)

SUSTAINABLE DEVELOPMENT

ARMOR evaluation of APR®600:
To be compared with our other products.

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

Quality, health, safety and environment certifications:
ISO 9001: 2008
OHSAS 18001: 2007
ISO 14001: 2004
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

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