

NEW!

APX®FH+

PREMIUM EXTRA WAX/RESIN FOR FLAT HEAD PRINTERS

VERY HIGH RESISTANCE TO SMUDGE AND SCRATCH

EXCELLENT SENSITIVITY AND RECEPTOR

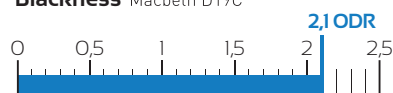
MULTI-COMPATIBILITY

VERY GOOD PRINTING QUALITY AT HIGH SPEED

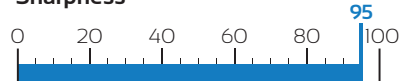
The new APX®FH+ is a high end wax/resin ribbon providing a printing quality and mechanical resistances exceeding the market standards. It ensures an excellent quality of transfer at low energy on all smooth materials, coated papers as well as synthetics.

## PRINTING QUALITY

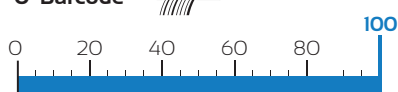
Blackness Macbeth D19C



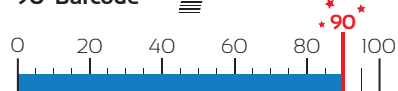
Sharpness



0°Barcode

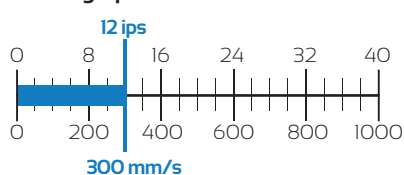


90°Barcode



## SENSITIVITY

Printing Speed



Energy



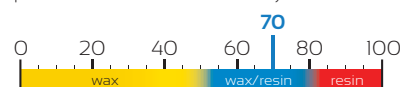
## Receptor Compatibility

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

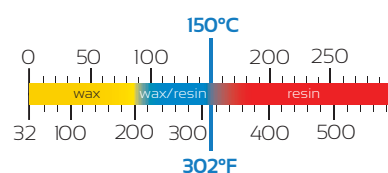
## RESISTANCES

Mechanical Resistance

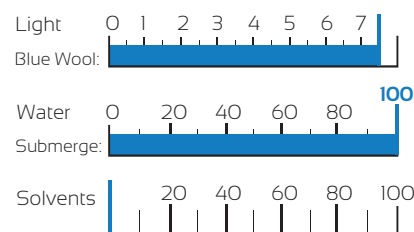
Crockmeter, 680 g/cm². For reference only, printout still readable after 200 cycles.



Heat Resistance



Other Resistances



AWR®B AWR®470 AWR®S AWX®FH

APR®S

APX®FH+

AXR®7+

AXR®B

AXR®S

lower	SHARPNESS	higher
lower	MECHANICAL	higher
equal	RESISTANCE	lower
	BLACKNESS	

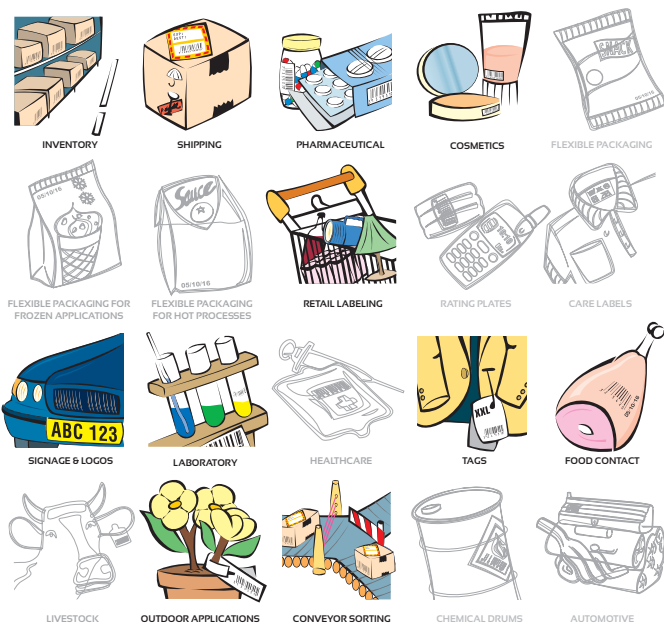
APX®FH+

PREMIUM EXTRA WAX/RESIN FOR FLAT HEAD PRINTERS

## APPLICATION FIELDS

The characteristics of APX®FH+ 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:  
85°C / 185°F  
(ARMOR procedure).

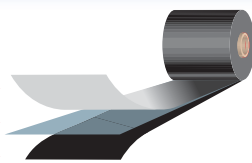
**PET film:**

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): < 9 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

For colour ribbons please refer to the APR® or AXR® ranges with approaching performances.

● Black

## SUSTAINABLE DEVELOPMENT

**ARMOR evaluation of APX®FH+:**

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  
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](http://www.armor-tt.com)

**ARMOR**  
MAKING THERMAL TRANSFER EASIER