

AWX®FH

ENHANCED WAX FOR FLAT HEAD PRINTERS

VERY HIGH SMUDGE RESISTANCE

VERY GOOD PRINTING QUALITY

**EXCELLENT RECEPTOR MULTI-COMPATIBILITY
AND SENSITIVITY**

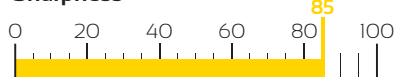
AWX®FH is a resin enhanced wax ribbon. Intrinsically, it is the highest performance wax ribbon of the ARMOR range, enabling it to answer the requirements of all wax applications, including the most demanding ones, with very good resistance.

PRINTING QUALITY

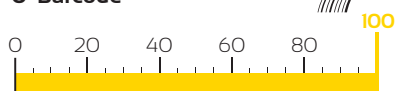
Blackness Macbeth D19C



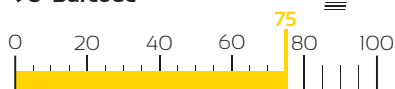
Sharpness



0°Barcode

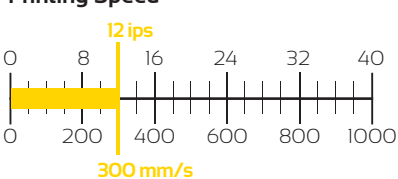


90°Barcode

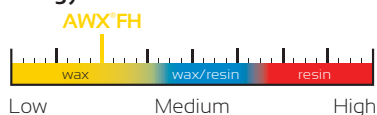


SENSITIVITY

Printing Speed



Energy



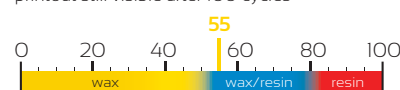
Receptor Compatibility

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

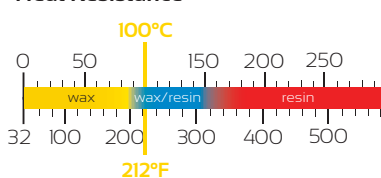
RESISTANCES

Mechanical Resistance

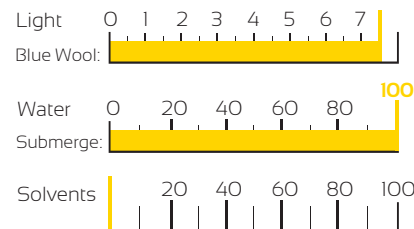
Crockmeter, 680 g/cm². For reference only, printout still visible after 100 cycles



Heat Resistance



Other Resistances



AWR®B

AWR®470

AWX®FH

APR®S

APX®FH+

AXR®7+

AXR®8

AXR®9

lower ————— VERSATILITY ————— higher
lower ————— RESISTANCE ————— higher
lower ————— SHARPNESS ————— higher

APPLICATION FIELDS

The characteristics of AWX® 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.
Melting point:
65°C / 149°F
(ARMOR procedure).

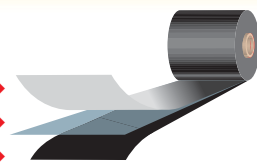
PET film:

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: 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

For colour ribbons, please look to the AWR® or APR® ranges with approaching performances.

● Black

SUSTAINABLE DEVELOPMENT

ARMOR evaluation of AWX® 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