AWX®FH

ENHANCED WAX FOR FLAT HEAD PRINTERS
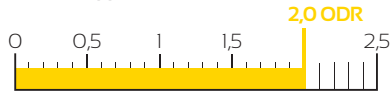
VERY HIGH SMUDGE RESISTANCE

VERY GOOD PRINTING QUALITY

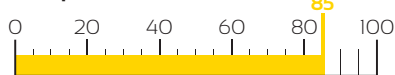**EXCELLENT RECEPTOR MULTI-COMPATIBILITY AND SENSITIVITY**

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.
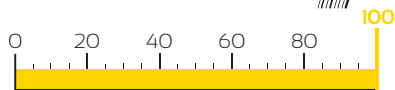
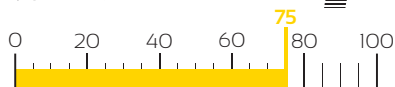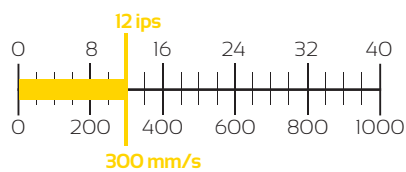## PRINTING QUALITY

Blackness Macbeth D19C
2,0 ODR
0   0,5   1   1,5   2,5

Sharpness
85
0   20   40   60   80   100

0°Barcode
100
0   20   40   60   80

90°Barcode
75
0   20   40   60   80   100

SENSITIVITY

Printing Speed
12 ips
0   8   16   24   32   40
0   200   400   600   800   1000
300 mm/s

Energy
AWX®FH
wax | wax/resin | resin
Low   Medium   High
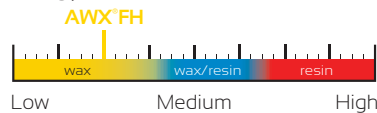
Receptor Compatibility

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

RESISTANCES

Mechanical Resistance
Crockmeter, 680 g/cm². For reference only, printout still visible after 100 cycles
55
0   20   40   60   80   100
wax | wax/resin | resin

Heat Resistance
100°C
0   50   150   200   250
wax | wax/resin | resin
32   100   200   300   400   500
212°F

Other Resistances

Light   0   1   2   3   4   5   6   7
Blue Wool:

Water   0   20   40   60   80   100
Submerge:

Solvents   20   40   60   80   100
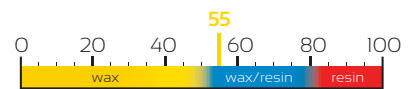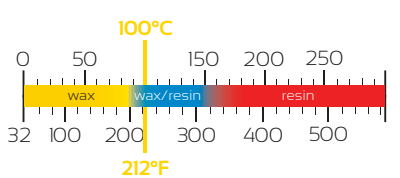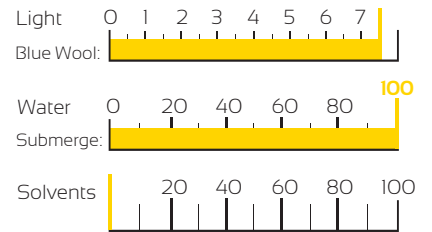
AWR®8	AWR®470	AWX®FH	APR®6	APX®FH+	AXR®7+	AXR®8	AXR®9
	lower	VERSATILITY	higher				
	lower	RESISTANCE	higher				
	lower	SHARPNESS	higher				

ARMOR
MAKING THERMAL TRANSFER EASIER

THERMAL TRANSFER RIBBON

AWX®FH

ENHANCED WAX FOR FLAT HEAD PRINTERS

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.)

INVENTORY	SHIPPING	PHARMACEUTICAL	COSMETICS	FLEXIBLE PACKAGING
FLEXIBLE PACKAGING FOR FROZEN APPLICATIONS	FLEXIBLE PACKAGING FOR HOT PROCESSES	RETAIL LABELING	RATING PLATES	CARE LABELS
SIGNAGE & LOGOS	LABORATORY	HEALTHCARE	TAGS	FOOD CONTACT
LIVESTOCK	OUTDOOR APPLICATIONS	CONVEYOR SORTING	CHEMICAL DRUMS	AUTOMOTIVE

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

APPROVED · APPROVED

COLOUR RANGE

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

● Black

RIBBON SPECIFICATIONS

Backcoating:
Silicon based.
Friction coefficient:
Kd < 0.2.

Backcoating →
PET film →
Ink layer(s) →

Ink:
Wax.
Melting point:
65°C / 149°F
(ARMOR procedure).

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

PET film:
Thickness: 4.5 μm.

Ribbon:
Thickness (black): < 9 μm.
The ribbon is anti static build-up treated.

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:

afaq
ISO 9001
ISO 14001
OHSAS 18001
ISO 50001

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.

THE GLOBAL COMPACT
WE SUPPORT

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

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