AWR®6

STANDARD WAX FOR FLAT HEAD PRINTERS
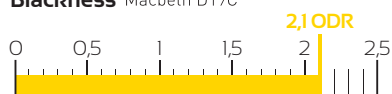
RECEPTOR MULTI-COMPATIBILITY

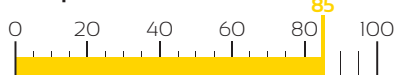**EXCELLENT BLACKNESS**

VERY GOOD SHARPNESS

AWR®6 is a wax ribbon highly recommended to print smooth label materials like glossy papers or some synthetics, providing a wax printing solution with relatively good resistance on high quality label materials.
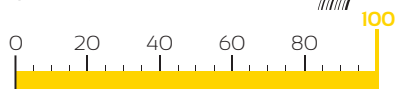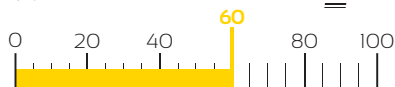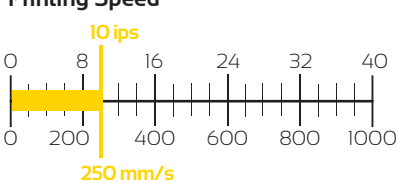
PRINTING QUALITY

Blackness Macbeth D19C

2,1 ODR

0   0,5   1   1,5   2   2,5

Sharpness

85

0   20   40   60   80   100

0°Barcode

100

0   20   40   60   80

90°Barcode

60

0   20   40   60   80   100

SENSITIVITY

Printing Speed

10 ips

0   8   16   24   32   40

0   200   400   600   800   1000

250 mm/s

Energy

AWR®6

wax   wax/resin   resin

Low   Medium   High
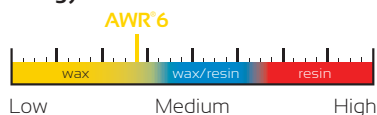
Receptor Compatibility

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

RESISTANCES

Mechanical Resistance

Crockmeter, 680 g/cm²

25

0   20   40   60   80   100

wax   wax/resin   resin

Heat Resistance

60°C

0   50   100   150   200   250

wax   wax/resin   resin

32   100   200   300   400   500

140°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
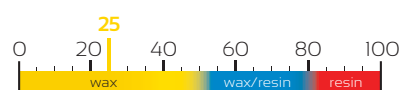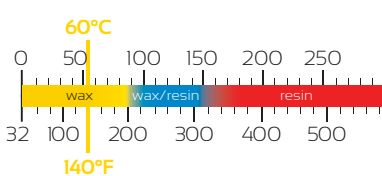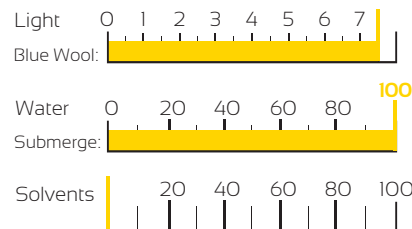
AWR®8	AWR®470	AWR®6	AWX®FH	APR®6	APX®FH	AXR®7+	AXR®8	AXR®9

lower	SHARPNESS	higher
lower	RESISTANCE	higher
higher	SENSITIVITY	higher

ARMOR

MAKING THERMAL TRANSFER EASIER

THERMAL TRANSFER RIBBON

AWR®6

STANDARD WAX FOR FLAT HEAD PRINTERS

APPLICATION FIELDS

The characteristics of AWR®6 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

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

- ● Black
- ● Blue (286C)
- ● Red (1788C)
- ● Green (Green C)
- ● Gold (874)

RIBBON SPECIFICATIONS

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

Backcoating →
PET film →
Ink layer(s) →

Ink:
Wax.
Melting point:
75°C / 167°F
(ARMOR procedure).
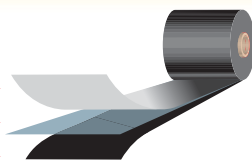
Storage:
12 months, 5-35°C (40-95°F),
20-80 % Humidity Rate.

PET film:
Thickness: 4.5 μm.

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

SUSTAINABLE DEVELOPMENT

ARMOR evaluation of AWR®6:
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.

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

THE GLOBAL COMPACT
WE SUPPORT

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

ARMOR
MAKING THERMAL TRANSFER EASIER