

# AWR<sup>®</sup> 470

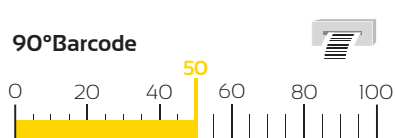
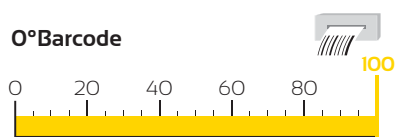
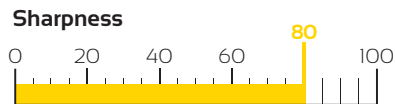
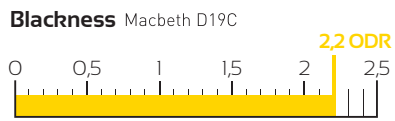
STANDARD WAX FOR FLAT HEAD PRINTERS

**PARTICULARLY ADAPTED TO ALL KINDS OF PAPER SUBSTRATES**  
**VERY GOOD SENSITIVITY**  
**EXCELLENT BLACKNESS**

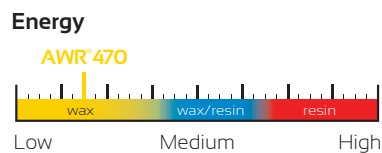
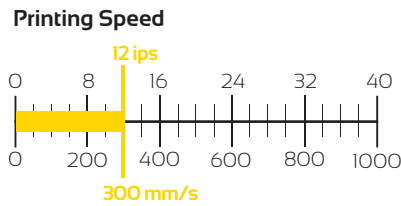


AWR<sup>®</sup>470 SolFree<sup>®</sup> is the only ribbon in the world to be coated without using solvents, including for the backcoating. SolFree<sup>®</sup> represents a saving of 365g of CO<sub>2</sub> compared to the same ribbon (with average dimensions) produced with a traditional process for the backcoating. AWR<sup>®</sup>470 SolFree<sup>®</sup> is well known for its high coverage ability which is essential for printing the rough materials widely used in logistics.

## PRINTING QUALITY



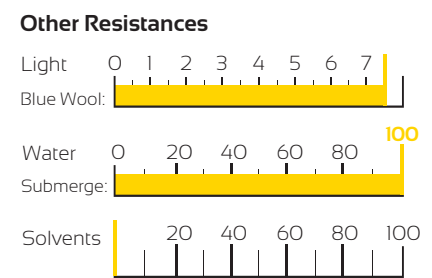
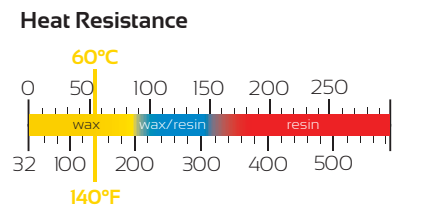
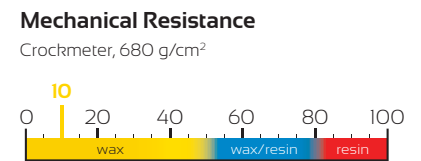
## SENSITIVITY



**Receptor Compatibility**

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

## RESISTANCES



AWR <sup>®</sup> B	AWR <sup>®</sup> 470	AWX <sup>®</sup> FH	APR <sup>®</sup> S	APX <sup>®</sup> FH+	AXR <sup>®</sup> 7+	AXR <sup>®</sup> B	AXR <sup>®</sup> S
higher	RESISTANCE	higher					
lower	BLACKNESS	lower					
equal	SENSITIVITY	lower					

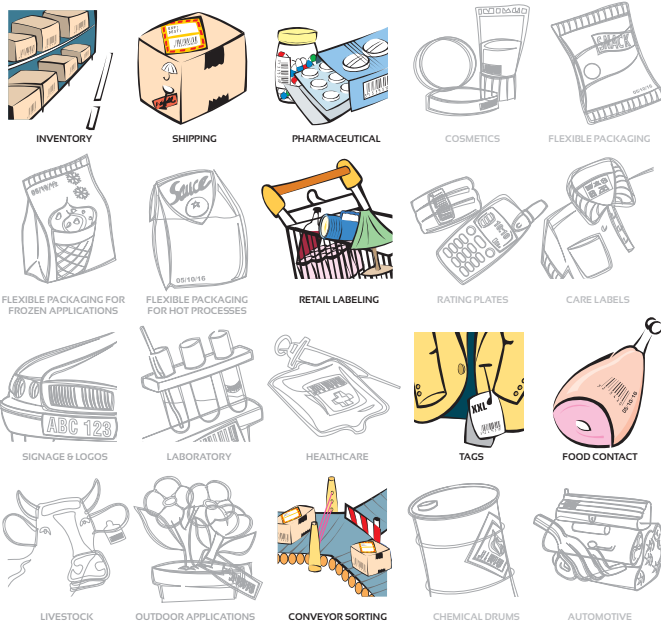
# AWR® 470

STANDARD WAX FOR FLAT HEAD PRINTERS

## APPLICATION FIELDS

The characteristics of AWR®470 answer the requirements of the following application fields:

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



## RIBBON SPECIFICATIONS

### Backcoating:

Patented SolFree® formula.  
Friction coefficient:  
Kd < 0.2.



### Ink:

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

### 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.

### PET film:

Thickness: 4.5 µm.

## 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
- Blue (286 C)
- Red (1787 C)
- Green (Green C)
- Gold (874 C)

## SUSTAINABLE DEVELOPMENT

### ARMOR evaluation of AWR® 470:

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      ISO 14001: 2004  
OHSAS 18001: 2007      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)