

# AXR®8

## SUPER PREMIUM RESIN FOR FLAT HEAD PRINTERS

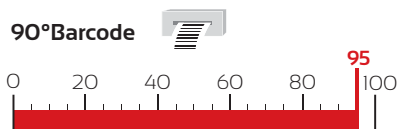
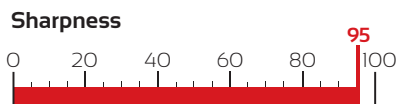
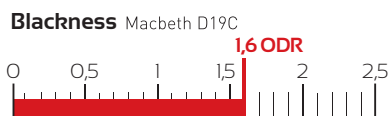
**EXCELLENT RESISTANCE TO SOLVENTS  
AND TO HIGH TEMPERATURE**

**EXCELLENT RESISTANCE TO SMUDGE AND  
SCRATCH**

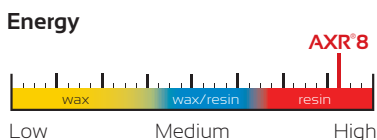
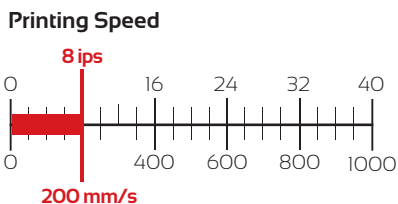
**EXCELLENT PRINTING QUALITY**

AXR®8 is a high performance resin ribbon designed for the most demanding applications regarding resistance to mechanical aggressions and/or temperature and/or solvents. It is fully compatible with the label materials dedicated to the same high performance applications.

### PRINTING QUALITY



### SENSITIVITY



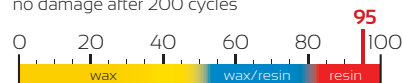
### Receptor Compatibility

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

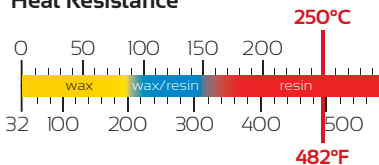
### RESISTANCES

#### Mechanical Resistance

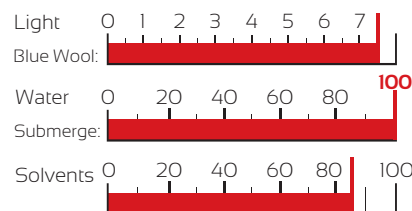
Crockmeter, 680 g/cm². For reference only, no damage after 200 cycles



#### Heat Resistance



#### Other Resistances



Rubtester: 939g, no damage after ... cycles:	
IPA: 200	Ethanol: 80
Mineral Spirit: 80	Unleaded gasoline 98: 10
Motor oil: 250	Brake fluid: 10

AWR®8 AWR®470 AWR®6 AWX®FH APR®6 APX®FH

AXR®7+

AXR®8

AXR®9

higher	MATERIAL COMPATIBILITY	complementary
lower	SOLVENT RESISTANCE	complementary
higher	PRINTING SPEED	equal

**ARMOR**  
MAKING THERMAL TRANSFER EASIER

# AXR®8

## SUPER PREMIUM RESIN FOR FLAT HEAD PRINTERS

### APPLICATION FIELDS

The characteristics of AXR®8 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.

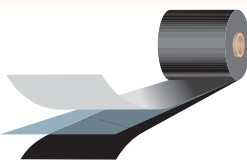
#### Ink:

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



### COLOUR RANGE

● Black

For colours, please refer to the AXR®7+ colour range.

### SUSTAINABLE DEVELOPMENT

#### ARMOR evaluation of AXR®8:

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)

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