

AXR®9

SUPER PREMIUM RESIN FOR FLAT HEAD PRINTERS

**EXCELLENT PRINTING QUALITY
ON TEXTILE MATERIALS**

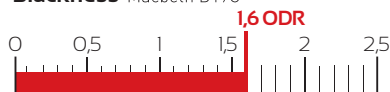
**EXCELLENT RESISTANCE
TO WASHES AND DRY CLEANING**

VERY GOOD RESISTANCE TO IRONING

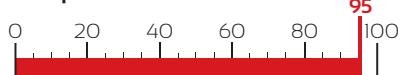
AXR®9 is a resin ribbon designed for the textile label printing market. It can also represent a relevant solution for niche resin applications (involving for example sterilization or resistance to some solvents) which are not satisfied by other resin ribbons.

PRINTING QUALITY

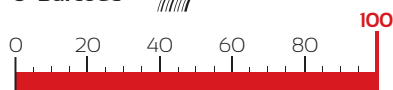
Blackness Macbeth D19C



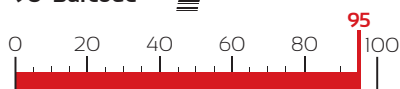
Sharpness



0°Barcode

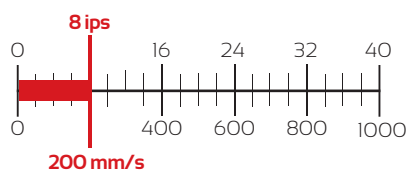


90°Barcode

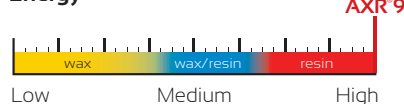


SENSITIVITY

Printing Speed



Energy



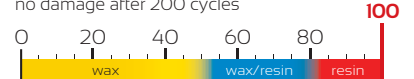
Receptor Compatibility

Uncoated	
Coated	•
High gloss	• •
Synthetics	• • •
Cotton	• • •
Acetate	• • •
Polyester	• • •

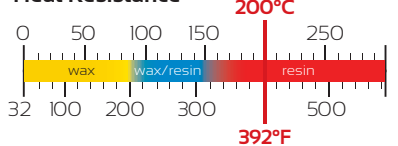
RESISTANCES

Mechanical Resistance

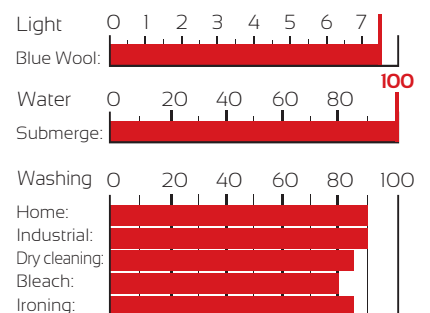
Crockmeter, 680 g/cm². For reference only, no damage after 200 cycles



Heat Resistance



Other Resistances



AWR®B

AWR®470

AWR®S

AWX®FH

APR®S

APX®FH

AXR®7+

AXR®8

AXR®9

complementary

complementary

lower TEXTILE APPLICATIONS

SOLVENT

RESISTANCE

MATERIAL

COMPATIBILITY

ARMOR
MAKING THERMAL TRANSFER EASIER

AXR®9

SUPER PREMIUM RESIN FOR FLAT HEAD PRINTERS

APPLICATION FIELDS

The characteristics of AXR®9 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).

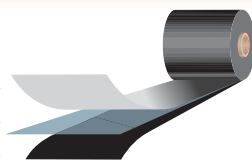
PET film:

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): < 8 µm.
The ribbon is anti static build-up
treated.

CERTIFICATIONS

REACH / SVHC Free: I907/2006/EC

Heavy metals: - 2002/95/EC
- 2002/96/EC
- 2011/65/EC

California Proposition 65

Halogen Free



COLOUR RANGE

● Black

SUSTAINABLE DEVELOPMENT

ARMOR evaluation of AXR®9:

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

ARMOR
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