

FLAT HEAD RANGE

A comprehensive range of Thermal Transfer ribbons constantly updated to suit your current and future automatic identification applications and exceed market expectations.

ARMOR ribbons benefit from a strong Quality and Sustainable Development culture, ensuring that rolls are produced in ethical conditions with a minimum impact on the environment.

	WAX			WAX / RESIN		RESIN				SPECIALTY RESIN	
CRITERIA	AWR®1	AWR®8	AWX®FH	APR®6	APX®FH+	AXR®1	AXR®7+	AXR®8	AXR®9	AXR®EL	AXR®TX
Energy required	○○○○○	○○○○○	○○○○	○○○○	○○○○	○○	○○○	○○	○	○○	○
Printing speed	○○	○○○	○○○	○○○	○○○	○○	○○	○	○	○	○
90° barcode definition	○○○	○○○	○○○	○○○○	○○○○	○○○○○	○○○○○	○○○○○	○○○○○	○○○○○	○○○○○
Blackness / Contrast	○○○○○	○○○○○	○○○○	○○○○	○○○○	○○○	○○○	○○	○○	○○○	○○
Label Compatibility: Uncoated papers	○○○○○	○○○○○	○○○○○	○○○○○	○○○○	○○	○○	○	○	PCB Labels: Polyimides, Acrylates, Polyesters	Care Labels: Nylons, Polyesters, Satins
Label Compatibility: Coated papers	○○○○	○○○○	○○○○○	○○○○○	○○○○○	○○○	○○○	○	○		
Label Compatibility: Synthetics	○	○	○○○	○○○○	○○○○	○○○○○	○○○○○	○○○○○	○○○○○		
Smudge resistance	○	○○	○○○	○○○	○○○○	○○○○○	○○○○○	○○○○○	○○○○○	○○○○○	○○○○○
Scratch resistance			○	○○	○○○	○○○○○	○○○○○	○○○○○	○○○○○	○○○○○	○○○○○
High temperature resistance					○	○○	○○	○○○○○	○○○	○○○○○	○○○○
Solvent resistance						○○	○○○	○○○○○	○○○○	○○○○○	○○○○
Specific resistance										PCB cleaning solvents, drying & coating.	Textile and care label washing, drycleaning & sweat.
Specific performance										Barcodes & characters sharpness. 600 DPI compatible	Barcodes & characters sharpness. RFID compatible
Label recommendation	Uncoated and coated papers		All papers, Some synthetics	Coated papers, Glossy papers, Synthetics / Films		Synthetics / Films			Synthetics, Films, Textiles	Technical Synthetics	
	Economy and quality			Performance and multi-purpose		High resistance and durability				High resistance and durability	

AWR® : ARMOR Wax Ribbon
AWX® : ARMOR Wax eXtra

APR® :
ARMOR Premium Ribbon
APX® :
ARMOR Premium eXtra

AXR® : ARMOR eXtra Ribbon

○ Average results

○○○○○... Key feature of product









FLAT HEAD RANGE

A whole range of colours has been developed on the basis of our current wax, wax/resin and pure resin qualities, to suit a number of automatic identification and graphic applications, with similar printing performance than their equivalent black ribbons. These products are ideally suited to all Thermal Transfer printers equipped with Flat Head printheads.

WAX QUALITIES - STANDARD PERFORMANCE - AWR® RANGE

- | | |
|---|--|
|  RED - AWR®458R (1787 C) |  GREEN - AWR®459G (Green C) |
|  BLUE - AWR®460B (286 C) |  GOLD - AWR®502GD (874 C) |

WAX/RESIN QUALITIES - PREMIUM PERFORMANCE - APR® RANGE

- | | |
|---|--|
|  RED - APR®558R (1788 C) |  BLUE - APR®5B (286 C) |
|  DARK RED - APR®5R (485 C) |  DARK BLUE - APR®560B (Reflex Blue C) |
|  BROWN - APR®530BN (140 C) |  GREY - APR®531GY (5425 C) |
|  GREEN - APR®559G (Green C) |  WHITE - APR®5W |
|  DARK GREEN - APR®5G (554 C) | |

RESIN QUALITIES - SUPER PREMIUM PERFORMANCE - AXR® RANGE

- | | |
|---|--|
|  WHITE - AXR®600W |  GREEN - AXR®600G (Green C) |
|  BLUE - AXR®600B (286 C) |  RED - AXR®600R (192 C) |

All ARMOR colour ribbons for Flat Head printers are included in Colorpack. Please refer to the Colorpack & Specialty Pack datasheet for details.



ARMOR TTIEC (Thermal Transfer Industrial and Expertise Center) in La Chevrolière, France, has the following certifications:

- Quality – ISO 9001
- Environment – ISO 14001
- Health & Safety – OHSAS 18001
- Energy – ISO 50001



Product datasheets and certifications are available in 2go2 Extranet: www.armor-tt.com

For more information please contact us at: salesttr@armor-group.com.