

Wax Ribbon Guide

THERMAL TRANSFER RIBBONS

Wax Thermal Transfer ribbons are the most popular for printing on paper labels . They provide an economical label printing solution for short-term labeling using **flat head** thermal printers.

Applications

Shipping

Rack identification

Pallet identification

Tote and crate

Food information

Clothing tags

Car registration



Durability

- Ideal for short-term use and limited durability applications.
- Dark, fade-resistant imaging.
- Resin enhanced waxes offer greater resistance to scratching and smudging.
- For applications requiring higher level of durability, wax-resin or resin ribbons are more suitable.

WAX-RESIN RESIN

Substrate compatibility

- Delivers high density, crisp black prints for optimal scannability.
- Wax ribbons are recommended for all paper substrates: rough, uncoated and coated labels.
- For synthetic labels, Wax-resin and Resin ribbons are more suitable.

Printer

- Since Wax inks require the lowest amount of print energy to transfer the ink onto the label, they impose less stress resulting in extended printhead life.
- Wax ribbons are compatible with all Flat-head printers.
- Suitable for high speed printing depending on the label/ ribbon combination.

Printer parameters

Printing speed: Up to 16 ips (400 mm/s)

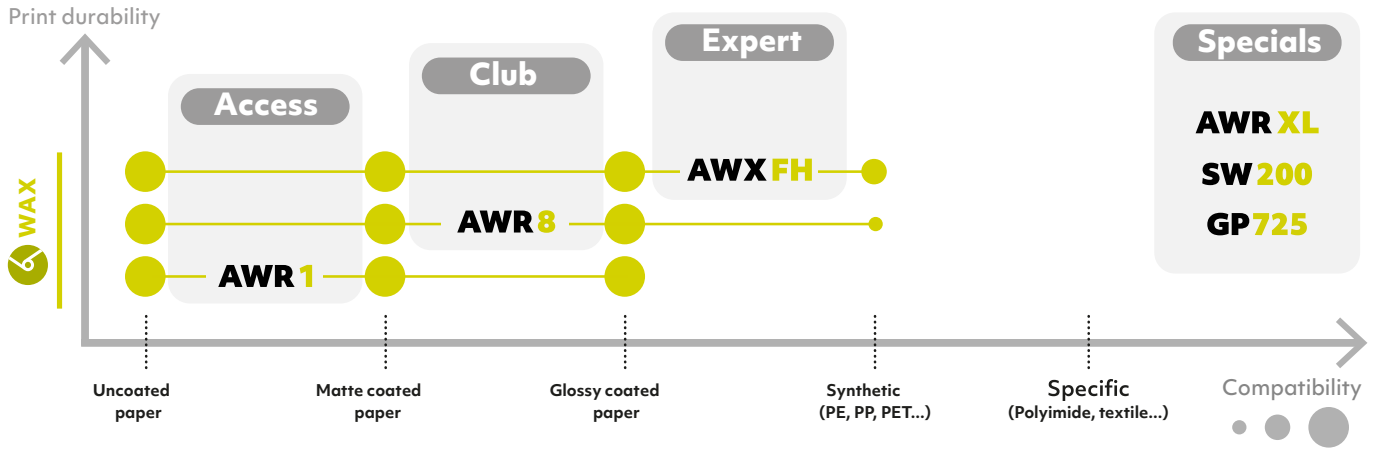
Heat settings:

wax wax-resin resin

Low Medium High

Choosing the right wax ribbon

ARMOR-IIMAK offers **6 different wax products** to ensure performance and price competitiveness when printing on various paper label substrates



AWR 1

Access

- Great print quality for all kinds of barcodes
- Quality price ratio adapted for large volume wax applications
- Broad paper label compatibility

AWR 8

Club

- Prints on a broad range of label
- Good print darkness for perfect readability
- Suitable for all conventional large volume wax applications

AWX FH

Expert

- Very high smudge resistance
- Highest printing quality
- Excellent substrate compatibility and sensitivity

AWR XL

Specials

- 40% additional printer running time with longer length rolls
- Reduces waste, inventory, storage and transport costs
- Saves 830g CO_2 and 26% plastic versus standard ribbon

SW 200

Specials

- Crisp, dark imaging
- Prints well on smooth and rough papers
- Excellent print quality on flood coated labels

GP 725

Specials

- Great print performance for all general purpose labeling
- Resin enhanced wax formulation
- Ideal for high speed printing

Additional details and technical support

All grades are available in black, grey, red, green, light blue, dark blue and gold. Visit our website to view and download detailed Product Datasheets and use our Compare tool to ensure you select the right ribbon for your needs.