

AR-24

INK RIBBON



Description

AR-24 ribbon is a super solvent resin formulated ribbon for thermal transfer printers that produces the ultimate in print performance. The print image has excellent chemical resistance such as Toulene and MEK. Provides scratch resistance for most demanding applications. Recommended label stocks Polyolefin "heatshrink", Polypropylene, polyethylene, polyester. For use on a wide range of identification products. Ideal for use in environments where the marker may come into direct contact with solvent or chemical.

Material Substrate	Polyester
Ink Type	Premium Resin
Melting Point	130°C (248°F)
RoHS Compliant	Yes
Halogen Free	No

Heat Resistance	Minimum 150°C
Smudge & Scratch Resistance	Superior
Resistance To Solvents	Superior Resistant against solvents and chemicals
Thermal Printing Energy	Medium
Dimensions	105mm x 300Meter 4 inches x (984 feet)
Winding Direction	InksideOut "CSO"

Storage

- Do not store in direct sunlight.
- From date of manufacture 1 year.
- Cool and dry in original packaging.
- Recommended temperature: -5°C (23°F) and 40°C (104°F) is the most critical temperatures it can be stored under.
- Prolonged storage at higher temperatures and / or higher humidity will shorten shelf life.

Applications

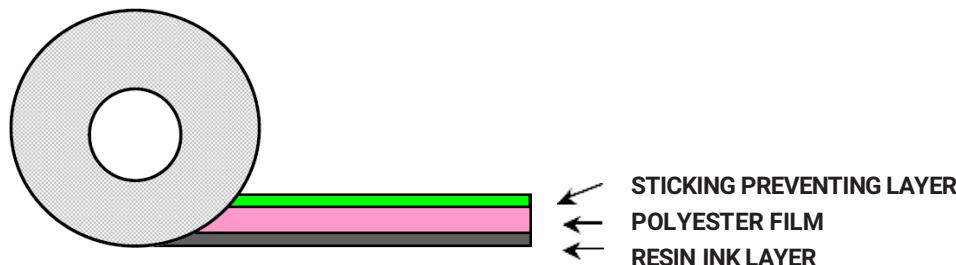
Developed to be used in Aerospace, Military, Defence, Mass Transit and can be used also in the normal Industry, Wind Power, Commercial, Construction, Electrical and Telecom installations, wire & cabling for cable and wire marking products.

Properties - Performance



Heat Resistance* up to 240°C (tested with coated paper)

Drawing – Ribbon Inside Out



Thickness Of Ribbon	µm	7,3
Thickness Of Polyester Film	µm	4,5
Ink Thickness	µm	2,3
Melting Point	dgc	130
Print Density		1,7

INK PHYSICAL

Properties	Typical Value
Coating Weight	1,7 g/m2
Type of ink	Premium Resin
Sensitivity of Ink	Middle-Medium

INK THERMAL

Properties	Typical Value
Coating Weight	1,7 g/m2
Type of ink	Premium Resin
Sensitivity of Ink	Middle-Medium

INK PHYSICAL

Properties	Typical Value
Temparature Melting Point	-130° C -(266°F)

SUBSTRATE PHYSICAL

Properties	Typical Value
Material	Polyester
Thickness total	7,3 µm
Print Density	1,7
Base Film Thickness	4,5 µm

SUBSTRATE THERMAL

Properties	Typical Value
Temperature melting point	130 ° C<

IMAGE STABILITY

Properties	Typical Value
Heat resistance	Up to 240 ° C - Tested with coated paper
Scratch resistance	Superior
Smudge resistance	Superior
Solvent resistance	Superior

Disclaimer

Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available as is and that Altec gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.